FROM
Gernert Bros. Lumber Co.
LOLISVILLE, K.., U. S. A.
No. $\fallingdotseq S S$

PLEASE DO NOT DEFACE.

E-ORDER BT MUMBEG OLLT. Use Figuree a Prolerence to Scsul Measure meals.

DO NOT LOAMOAGVETME AOOM AWAV K mDLT AeTUAA IT TO UB AmD OQb 60

This book was presented by

William A. Jackson

## Digitized by the Internet Archive in 2010 with funding from NCSU Libraries


"Tbe Past."

"Ebc Ercacht."

"Cbe Juture."



## COPVKIGHTED

Fintered according to the Aet of Consreas in the year of our Lond une Thousand
 Litbrarian ( Congresa at Washmaton D.C All rishto feserved

## TO THE

# Progressive Architects and Builders <br> OF THE 

## Falls Cities and the South.

## TO <br> THE MEMORY OF <br> Henry G. van Seggern,

That Master Builder, whose genius and skill in the science of bulding were prominently displayed during the earher history of our city, and who so courteously imparted to me as much of his superior practical knowledge as my mind could grasp in boyhood days.

To my business associates and our friends engaged in the lumber and building trades, this publication is respectfully dedicated.

LOUISVILle, Ky., AUG. i, 1898.

## Ilitrodnctory.

To keep pace with the rapid progress in artistic building designs, and to show our patrons the latest and neatest styles of finish, to supply the demands of modern Architecture and to make it possible for the humblest to obtain a pretty home at a moderate outlay, has been our object in issuing this, the third and enlarged edition of our Trade Catalogue.

We take pleasure in announcing that our trade has been fully maintained, and steadily improved in the past, and we have enlarged our facilities to accommodate our increasing patronage.

Relative to modern structures, Louisville and the South have kept abreast of the times, and any one familiar with the situation must admit that the South and the West are both far in advance of the East in the matter of artistic designs, pretty homes from the humble cottage to the handsome mansion, surrounded by lovely lawns, flower beds, trees and shrubs, all of which tends to lighten the burden of the toiler, to make our homes more happy and bring us nearer to the goal to which mankind is striving, and to that far off Divine event toward which the whole creation moves.

Having gained a prestige in this respect by reason of a more abundant supply of greener fields than is allotted to our brethren in Eastern cities, we do not propose to permit them to outrun us in the race in future days, and, therefore, we have contributed not only our means, but years of toil and study to stimulate a desire on the part of our people to obtain a broader knowledge of the Building Arts.

We trust our patrons will appreciate our efforts in establishing a repository where can be obtained on demand all the necessary material for the construction of an ordinary building from the foundation to the finish. During the last few years, we have frequently accommodated customers by loading on cars all the material required to complete a house on the day that the order was placed. Our large plant with unsurpassed railroad facilities and the immense stock of Lumber and Building material we carry, alone enable us to do this. In this publication will be found an illustration of finished material only, as it is unnecessary to list ordinary stock with which every one is more or less familiar.

To enlarge upon a few items more definitely, we would call attention to our extraordinary list of plain house Mouldings, many patterns of which cannot be found in any other publication, but are constantly in demand of late years. We particularly desire to attract the attention of Architects and Builders to our new designs in narrow casing and base both plain and carved with blocks to match, because we believe that the time has come when narrow, neat and tasty designs must take the place of the old and wider styles.

Our stock of Embossed and Carved Mouldings and Finish is musurpassed, and we hope that the genuine carved work will soon be brought into general use by reason of its excellent finish and of its moderate cost.

Our Turned Mouldings, Beads, Pressed Ornaments, ornamental carved and plain Blocks are in great demand and we feel proud of the fact that we are the sole proprietors and manufacturers of the renowned Pressed Wood Ornaments with their increasing demand at home and abroad. This line alone comprises four machines and 260 various steel dies, which have been obtained at an enormous outlay of capital.

Our line of Turned Art Spindles, Rosettes, and material for Fret work, both for out door and interior Finish, is an entirely new feature, as no other house is known to carry these in stock.

Our designs in Columns, modern and classic, are unsurpassed, and these together with our new designs in Gable Finish, Scroll Work, Hoods and Brackets (put up and knocked down), Porches, Bay Windows and Cornices, enable many to improve in their structural designs, where an Architect cannot readily be consulted.

In barnug the largent manuacturess in the Nusthwest, none of our competiters earry so large a stork of Frames, Inside Mhind, Jathee In mora I'reket Gates. Ladders, Truck, Bualding l'aper and Kolfing, as mas be found at ans time in our warehnuen

We lead them all in dengns of Four to Nime Panel Iloors, Glass Ihoors Solid Ianel Mulded Ihors. Art Moulded and Cottage Front Doors Store Front, and Fixtures Interior Finish hoth in hard and sott woods Cupboards and Prenen. Hot House and Green House stock F'ret-work, Balusters, Newel and Star-work, Hardwood Floormg Mantels and Glan.

We take particular pride in our Venecred product, and when thas clas- of work leaves our fatory, it contains mothing less than a pxlshed finsh. Day by day the cost of producing Veteered Doorh and Hardwood Flisors and Finish, is being lessened unthl soon every humble bome will contan a rxom or two, elegantly finished in hardwonds.

Relative to Interior Finish, particularly hardwond much of the work is now done at the factory which wav formerly done at the bulding, and the work so made, can be pu: up in place in less time and at less expense-

To thove of our customers doing work in remoter vections where the advantagen of an Architect mant be foreborne, this bouk will be found donbls valuable and even in Cities and larger Villages, where the service of an Architect can be had, our Catalogue will be found a help both to the denigner and the builder.

Parties contemplating bulding should always, where practicable, engage an Archiect, not only to plan, but to superintend the erection of ther work Many persons make a mistake by gaining a little knowledge of work and material, and then endeavor to lnok after its erection themselves, and in many mstance their inexpernence causes a greater financial loss in errors and poor workman-hip, than all the fees of supermtendng the work by an drchtect wonld amount to, and the structure stand as an eyeore long to be segretted

Parties desring it can have all the lumber framed and the fimbing lumber joinel so the work can be seadnly put up mplace, and for distant shipment, the difference no weight will be almont sufficient to pay for the labor.

Appreciating fully the liberal patronage bectowed upon us in the past, we shall always endeat or (o) merit the good will and patronage of our finends in the tuture by our continned efforts to serve them promptly and to give them entire satisfaction.

## G1:KNI:RT 13ROS L.C゙MB1:RC゙O

## General IInformation.

Please notice that all quotations made, are based on "Stock Work" and "Stock Sizes," unless otherwise specified, and when given by measurement, the price named is on each 100 or 1000 feet as the case may be. "Special" or "Odd" work is that which is not carried in stock and has to be made to order. It is just as expensive to set up a machine to run one door or window, as it would be to run a dozen, consequently it must command a higher proportionate price.

This also applies to "Stock Work" when selected or made for Oil Finish, and on orders for less than 200 feet of any kind of lineal work, and when specific lengths are required an extra charge will be made for cutting. The fact that a certain design, size, or style is found in one or more catalogues, does not imply that it is Regular or Stock Work, in fact rery few stock designs are to be found in any catalogue by reason of their popularity.

No charge made for less than 10 cents. All quotations are subject to change without notice, and "Estimates" hold good only for ten days, unless otherwise agreed upon.

## Tbichucsscs and vaiotbs.

All lumber is measured on a basis of one square foot, one inch in thickness. Manufactured stock measures $1 / 8$ to $1 / 4$ inch less than the rough, and when produced less than an inch in thickness it is measured the same as if it were an inch, the variation being made in the price, that is, one inch boards are $7 / 8$ inch, $1 \frac{1}{4}$ inch boards are 1 If inch, $11 / 2$ inch boards are 13.8 inch, 2 inch boards are $13 / 4$ inch and so on when surfaced, but are counted full thickness (excepting Northwestern White Pine and Universal Moulding and Flooring which require an additional 1-16 inch in working).

Panel, Pattern and Ceiling stock $1 / 4$ inch, 38 inch, $1 / 2$ inch, $5 / 8$ inch and $3 / 4$ inch are reckoned as one inch thick. In working stock to widths the measurement is based on the size of the material before the work is done : i. e., Mouldings counted as 4 inches wide are finished $3 \sqrt{3}+$ inches.

Six inch Strips when surfaced on four sides will finish $7 / 8$ inches or ${ }_{1} 3-16$ inches $x 51 / 2$ inches. Flooring Strips $\pm$ inch $\times 4$ inches will finish $7 / 8$ inch or ${ }^{1} 3-16$ inch by 3.1 inch, etc.

In making Doors, Sash and Blinds from surfaced lumber, the finishing requires an aditional 1-16 inch to be taken from the work, that is, 1 inch doors, will finish $13-16$ inch, $1 \frac{1}{4}$ inch doors will finish 1 I-16 inches, $11 / 2$ inch doors will finish $1^{5-16}$ inches, 2 inch doors will finish I $_{11-16}$ inches, etc.

## Cerms．

（ Har terms are（ash and all prices are based upon these terms．When special arrangement are entered into with regular ch－tomers for time payments，the amonnt including exclange will le drawn for at sight based on an average date of monthly purchanes．On the firnt of each month we rember statements of accounts，and mbess motifed at once to the contrary，we assume that the statement is correct．We require settlements made monthly．

Kenittances munt le frepaid and interest will be charged on accounts past due（C．（）．I）． weters must be accompanied by a cash deposit equal to one－fourth of the amome of the order． All clams for damage mast he mate whthin 5 days from receipt of goods．
（）itside of Jeffermon じo．，Ky．，we nell to de．alers only．

## Tlisutance.

The matter of Insurance has at all times been a necessity, but until recently the value of it has not been sufficiently appreciated. Every house owner should carry not only a policy against fire, but also protect himself against tornadoes and cyclones, as the cost is nominal.

During the erection of a building, a builder's risk should exist by all means. The cost of this precaution is but a trifle, whereas a single accident may mean the loss of the accumulation of years of labor and toil.

Fire Insurance has become so systematized that you can insure your house while it is being erected, which will cover both damage by fire and the risk of building.

All shipments are forwarded at the buyer's risk, as under such conditions the freight rates are most favorable.

We do not insure shipments unless specifically instructed to do so when the order is taken.

## Whimicnts.

The minimum weight of a car load of lumber and building maternal is 24.0 ar 1 bs .
If Dhors, Sash and Blinds are loader with lumber, the shipment takes the rate of the former unleos it is billed "local." in which case the rate is still higher A car of lumber, Lath, Shingles, etc, weighing 24 .oxs the, or more may be shapped on a car load lumber rate, and in addution thereto. Joors, Sash and Blinds may be loaded taking the "Hocal" rate-

When more than a half car load is to be forwarded in one shipment it is advisable to bill the same as a carload. and to save freight it is policy to fill with Shingles, Lath. Floormg or wome other staple stock.

When an order contains more than one car and nut enough ior two. We shall avail onrelves of the privilege of forwarding the part carload whth the origmal shiment, which then takes the car load rate. In order to do this it is nece-mary to hold the order until all the goods are ready as the two cars must go forward at the same time.

In cases where delivered prices preval. we are not to be held renponsible for the safe detivery of the gooks, but are chargeable only for the actual amoum of frembt accordug to rate named in our bill of Lading, which am sunt may be deducted from our mooice, ant the same is not subject to discoumt.

Our re-ponsibility ceases after dehvermg gonds in gond order to the Ralload or Trancportation Company: Wee do not quote prices delivered on less than car-load shipments.

All claims for overcharges on freights must le made on the Tram-portation Company and we ball not be held liable for such claims. It in best not to pay the freight in caven where the Delivering Agent demands more than the inserted rate in bill of dadng. umtit such overcharge in corrected

Where thin is imponible, however, a duplicate freight receipt should be demamded for the purpore of making a claim on the Gencral freight Agent, at the pont where the shipment wrignated.

When packages are not in gorxi condition at point of delivery such fact should be noted by the Freight Agent on his receipt.

Should a hipment go astray, make a clam on the Transportation Company for the amont of the invonce accompanied bw the bill of lading, the same as when making claim for overcharges

Kates are mont favorable when gexis are shipped "Owner's ri4k," and unless instructed to the e motrar!. We hip at buyer', risk Orders from "l'repal" tations mut be accompanied by the amonnt necensary to pas the freight.

Shpments are not insured unless the order states specifically so to do
In cave a matakic occurs in a shipment, advise us immediately and await our instructions.
(Bonts from other bouses to be loaded by us are handled at customer's rink.

## IIbow to Orber.

Upon receipt of an order we furnish all or such portion of it as we may have in stock, and the remainder as soon as it can be turned out of the Factory, unless otherwise directed. Orders for "Special" or "Odd" work can not be altered or cancelled after the work is under way. Many dealers believe that the term "Stock Goods" covers everything listed in a price sheet or catalogue. We carry in stock all ordinary Louisville styles and sizes and many more, but there is no factory in the country which carries ALL the stock listed in the Universal price sheet, or Catalogue.

We reserve the right to fill all stock orders with styles and patterns as near as those called for, as possible, in cases where we are out of the latter. We also reserve the right to fill all orders not otherwise specified in such kind of wood as we may have in stock or as may be selected by our workmen.

Work which must go through the Factory involves more or less delay, and if the time be limited it must be so mentioned in the order. Requests for alterations or cancellations must reach us before the work is underway, otherwise the purchaser must pay for the original order.

Where special qnotations have been agreed upon let your order so state, and never describe an order "Same as Last," but refer to the date of the orders and invoice desired duplicated.

In ordering Door, Sash, Blinds, Glass and "Odd" work always give WIDTH first, HEIGHTH or LENGTH second and THICKNESS last, and give figures preference over scale measurements.

## II.) Wh to Oider

## Elli bow to zatute a bill for Estimate.

## WINDOW FRAMES.

If ind a Frames are usually furnibied put up, but if desired we furnish them K . I). Knock Ihawn

1-Give number of lights and size of glans, if regular. and in addition thereto, if the frames are for oxll windows, be sure to give the width and height ontside of sashes, and state thickness of the latter
$\mathbf{2}$-State whether your frame is to he for a Single Sash, or a Pair, and whether for Plain Rail Sash (plank frame) or for Check Kail Sach (box frame).

3-If for Circle, Segment or Elliptic head window, or with divi-ions or other characterintics, give mumber of design from onr Cataligue, or send sketch with order

4-sitate whether for Brick or lirame house.

## IF FOR BRICK HOUSE state:

$5-(2)$ Thicknew of wall.
(b) With or without wood sill
(1) With or without arcle strip.
(d) For inside or outsite blinds.
(1) Kind of wood used for insitle finish.
[Fit 1, z, 3 and + abrove.]

## IF FOR FRAME HOUSE state:

6-1a Wilth of -todding.
(h) With or without lining on outside of studding.
(1) Whether finiohed to gromuds or not.
th With or whthont caving ond outvide.
(f) Plan or monlded casing on outvide.
(1) If cap ower frame is wanted. give our Catalugue number.
(i) If top ash in smalier than bottom sash, state whether ur not a top pocket is required for lxottom sash to alide into
[sere 1, 2, 3 and 4 alove.]
P's-l"ulenotherwse specified we put ons square hanging stiles and use the celehrated Fix stet| pulley m mox frames

## Door jfames and 'Fambs.

If your Frame is for the outside of your building call it a "Door Frame" and if it is to be used inside call it a "Set of Jambs."

1-Give size of Door and Transom (if any).
2-For brick or frame house.

## IF DOOR FRAME FOR BRICK HOUSE state:

3-(a) Thickness of wall and width of jamb.
(b) Thickness of jamb.
(c) Plain or moulded on ontside edge.
(d) Plain or paneled jamb, and if latter, give arraugement of paneis.
(e) Depth of rabbet.
( $f$ ) With or without wood sill.
$(g)$ Kind of wood used for inside finish.
( $h$ ) State whether you want to paint your frame or oil it.
[See 1 and 2 above.]

## IF DOOR FRAME FOR FRAME HOUSE state:

4-(a) Width of studding and width of jamb.
(b) Thickness of jamb.
(c) With or without lining ou outside of studding.
(d) Whether finished to grounds or not.
(e) With or without casing on outside.
( $f$ ) Plain or moulded casing on outside.
(g) If cap over frame is wanted, give our Catalogue number.
( $h$ ) Depth of rabbet.
[See 1 and 2 above.]

## IF JAMBS FOR BRICK HOUSE state:

5-(a) Thickness of wall and width of jamb.
(b) Thickness of jamb.
(c) Plain or paneled jambs, and if latter, give arrangement of panels.
(d) Depth of rabbet and if one or both edges are to be rabbeted.
(e) Kind of wood wanted.
$(f)$ For painted or oil finish.
[See 1 and 2 above.]

## IF JAMBS FOR FRAME HOUSE state:

6-(a) Width of studding.
(b) Full width of jamb.
(c) Thickness of jamb.
(d) Depth of rabbet and if one or both sides are to be rabbeted.
(e) Kind of wood wanted.
(f) For painted or oil finish.
[See 1 and 2 above.]

## Toots.

Unless otherwise spacified we reserve the privilege of furaishing Dors if inch in thichers. firs: quality of such material as we have in stock and for paint finish.

## IN ORDERING PANEL DOORS state:

1-Width. height, thickness and quality.
2-For paint or oil finish.
3-Number of panels and how arranged or give Catalogue number.
4-If Moulded. state fluh mold (F. M ) or raised mold R. M ), and state whether one or brith sides are to be moulded and how each side is to be fimislied.

## SASH DOORS state:

5-(a) If open or glazed.
(b) Kind of lights and number of glans.
(f) If Marginal or other divinions give our Catalogue number or sketch.

6-If Circle Head C. H.I. Segment Head 心. H. or l:lliptic Head send sketch and give radius. If square Head with Circle, Segmemt, or 1:lliptic panels or lights send sketch giving arrangement of same.
[See 1. 2, 3 and + above.]

## STORE DOORS state:

7-1a single or double thickires
(b) llow fini-lied on oustside
(c) Heighth to top of lock rail
[iee : 2, i. +5 and 6 above ]

## SHOW FRONTS give:

1 - Width, hemghth and thicknes indudng patrels below and transom above it required.
2-Thickness oi sill and heights of pauels. and how finistred, on one or both sides.
3 -Thicknew and wedth of transom bar.
4-Sketch or Catalogtre number grving number of lights, and how arranged.
5-(ipen or glaved and kind of glass
0 - If ash only are wanted give outade measure and thickness.

## JElinds.

Outside Blinds are designated "O. B."
Inside Blinds are designated "I. B."
Stationary Slats are designated "s. S."
Rolling Slats are designated "R. S."
A Pair of Blinds indicates 2 pieces.
A Set of Blinds indicates more than 2 pieces.
A Blind indicates one piece.
1-Give number of lights and size of glass, if regular, and outside measurement if odd.
2-Thickness.

## OUTSIDE BLINDS O. B.

3-(a) Mention kind of Slats S. S. or R. S.
(b) Single or in Pairs.
(c) For large and Mullion Windows give number of folds.
[See 1 and 2 above.]
Regular stock consists of $1^{1 / 8}$ iuch R. S. and $13 / 8$ iuch S. S.
Patul Blinds and half panel and half slats, or $1 / 2$ R. S. and $1 / 2$ S. S. are all odd, and must be explicitly ordered.

## INSIDE BLINDS I. B.

4-(a) Give number of folds.
(b) Full width and heighth of Blinds.
(c) If all Panels (No. 5,962), or $3 / 4$ Panel and $1 / 4$ Slats (No. 5,961 ). If required otherwise give Catalogue number or send sketch.
(d) For paint or oil finish.
[See 1 and 2 above.]
Our regular stock consists of four fold, $7 / 8$-inch thick, made to cut twice, once at meeting rail and ouce between meeting rail and bottom rail of Sash. We carry in stock, solid panels No. 5,962 and $3 / 4$ Panel and $1 / 4$ Slats vertical rolling (No. $5,9^{61}$.)

## CClindows and ※as).

I Window an! a Panr of Sash is one and the same thing but while a Pair of Sash is compered of two pieces each containing the same number and size of lights, a Window may embrace two or more Sash, and each may contain lights varying in size and number.

I savh indicates one piece.
I Set of Sarh indicates more that two pieces.
1 -Give number of hights and size of glass, if regular, but if your Windows are odd, be sure to give width and height of 1 rames in addition to above

2-Give thickness.
3-State if Single Sash. Pairs or Sets.
4 - Plain or check rail.
5 - Open or glazed and kind of glass.
6-For paint or orl finish.
7-If for Circle, Segment or Elliptic head frames, or if Marginal lights or other divisions are wanted give number in our Catalogue, or send sketch.

Our regular radius is the width of frane: if otherwice, give spring line.

## Đtaíwork.

1 -Give sketch or Catalogue number of ground plan and elevation.
2 -hive height from top of floor to top of floor.
3- Give width of second story joist.
4 - (ive size and location of well hole.
5-sitate where donry or other opening are located, if any, near heginman or landmg of Stars or underneath the same.

6-Send sketch or Catalogue number of Base used in buildmg.
7-ihonld Treads and Rivers be housed into wall strings or butted
8 -Shonld Treads and Risers be blocked and glued, or plain.
9 -Cive Catalogue number of Kail, Newel and Balusters desired.
10-110w fimshed underneath
11 -Kind of material wanted.
NOTE. - In case yon cut your own carriagen give number and height of risers and width of treads in the carriages full length of treads and state if Nosing and Scotia should return on ends. Ilearribe plainly what portion of the stais you dessre us in furnish, and answer question almove eet forth.



4012


LOUISVILLE, KENTUCKY, U. S. A.



4034


4043



4045


CAP AND BED MOULDINGS-Full Size.



4056


PANEL AND BASE MOULDINGS-Full Size.

0 GERNERT BROS. LUMBER CO.,




ASTRAGAL, PANEL, NOSING, CAP AND PICTURE MOULDS-F゙ull Size.


CAPS-Full Size.

GERNERT BROS. LUMBER CO..


LOUISVILLE. KENTUCKY, U. S. A.









STOOLS AND SUBSILLS -Full Size.


GERNERT BROS. LUMBER CO.,


LOUISVILLE. KENTUCKY, U. S. A.

$\square$






SILLS-Full Size.


LOUISVILLE. KENTUCKY, U. S. A.

4295


4296

$\therefore$ GERNERT BROS. LUMBER CO.,




RAILS-Full Size.


RAILS-Full Size.


HAND RAILS Full Size．
For Other Stylms See Pages 274．275，278， 277.

LOUISVILLE, KENTUCKY, U. S. A.


4328

PARTITION, CEILING AND SIDING-Full Size.


BASE-Full Size.




ASTRAGALS.



CORNER BEADS.


ASTRAGALS CLEATS, STRIPS AND CORNER BEADS--Full Size.


PARTITION FRAMES, IMPOSTS AND TRANSOM BARS-Full Size.


4379


CAPS, BANDS AND SLIDING DOOR STRIPS-Full Size.



$4398^{1 / 2}$


CASING, BASE AND CHAIR RAIL-Full Size.
is GERNERT BROS. LUMBER CO.


EMBOSSED MOULDING.
These Dasignj can be warked on other Mouldinge.

LOUISVILLE, KENTUCKY, U.S.A.

$4407 \quad 3_{4} \times 2$

$4408 \mathrm{Sixx}^{13}+$



EMBOSSED AND CARVED MOULDING.
These Denigne can be worked on other Mouldings.

LOUISVILLE, KENTUCKY, U. S. A.


EMBOSSED AND CARVED MOULDING.
These Designs can be worked on other Mouldings.


EMBOSSED EGG AND DART MOULDING.
These Designs can be worked on other Mouldinge.
$\sin$
4440 A Quar. Round. 44408 Half " 4440 C Full
 105cuesusum

4442 गіи.


4443 1: Din,


4444 11 ${ }^{1}$ lia.


4447 5-16 Dia


4448 EBDin.


4449 Dia.

$4451 \% \quad-161$ Din.

## ресяеш" <br> 4452 1, Di:1.

## 00000 030003306300 <br> 4453 3-16 Dit.

00330320302000023300


4458


4459 Sizes See price list.

12 GERNERT BROS. LUMBER CO.



4461 . . 1 .



GENUINE CARVED MOULDINGS.
These Designa can be worked on other Mouldinge.

LOUISVILLE, KENTUCKY, U.S. A.







GENUINE CARVED MOULDINGS.
These Desig is can be worked on other Mouldings.



4476 s"×1"


GENULNE OARVED MOULDINGS.
These Designs can be worked on other Mouldings.

$4484{ }^{2}+{ }^{\prime \prime} \times 1 \frac{1}{2}$ "



$44853-16^{\prime \prime} \times 1^{\prime \prime}$

GENUINE CARVED MOULDINGS.
These Designs can be worked on other Mouldings.


## 120000000000000

GENUINE CARVED MOULDINGS.
These Designs can be worked on other Mouldings.

LOUISVILLE, KENTUCKY, U.S.A. 47

$2^{1} 2^{\prime \prime}$ face


4498 a.


GENUINE CARVED MOULDINGS.


## 




GENUINE CARVED ORNAMENTS.


GENUINE CARVED ORNAMENTS.

$41 / 2^{\prime \prime} \times 3^{\prime \prime} \times 1 / 3^{\prime \prime}$
$6^{\prime \prime} \times 4^{\prime \prime} \times 13^{\prime \prime}$
$8^{\prime \prime} \times 5^{\prime \prime} \times 33^{\prime \prime}$
$9^{\prime \prime} \times 6^{\prime \prime} \times 16^{\prime \prime}$
$12^{\prime \prime} \times 6^{\prime \prime} \times 1 / 1^{\prime \prime}$
$12^{\prime \prime} \times 7^{\prime \prime} \times 14^{\prime \prime}$
$14^{\prime \prime} \times 7^{\prime \prime} \times 11^{\prime \prime}$
$16^{\prime \prime} \times 8^{\prime \prime} \times 14^{\prime \prime}$
$20^{\prime \prime} \times 8^{\prime \prime} \times 34^{\prime \prime}$

$13^{\prime \prime} \times 6^{\prime \prime} \times 5 / 8^{\prime \prime} 18^{\prime \prime} \times 10^{\prime \prime} \times 9_{8}^{\prime \prime}$
$24^{\prime \prime} \times 6^{\prime \prime} \times$ 衡＂ $24^{\prime \prime} \times 10^{\prime \prime} \times 9^{\prime \prime}$
$30^{\prime \prime} \times 6^{\prime \prime} \times 5^{\prime \prime \prime} 30^{\prime \prime} \times 10^{\prime \prime} \times$ 垎＂$^{\prime \prime}$
$18^{\prime \prime} \times 8^{\prime \prime} \times 58^{\prime \prime} \quad 24^{\prime \prime} \times 12^{\prime \prime} \times 5^{\prime \prime}$
$24^{\prime \prime} \times 8^{\prime \prime} \times 88^{\prime \prime} \quad 30^{\prime \prime} \times 12^{\prime \prime} \times 56^{\prime \prime}$ $30^{\prime \prime} \times 8^{\prime \prime} \times 5 / 8^{\prime \prime} 36^{\prime \prime} \times 12^{\prime \prime} \times 5$＂$^{\prime \prime}$


4542
$2^{\prime \prime} \times 2^{\prime \prime} \times 14$
$21 / 2^{\prime \prime} \times 21 / 2^{\prime \prime} \times 14^{\prime \prime}$
$3^{\prime \prime} \times 3^{\prime \prime} \times$ 有＂
312＂$\times 332^{\prime \prime} \times \frac{14}{11}$＂
$4^{\prime \prime} \times 4^{\prime \prime} \times 11^{\prime \prime}$
$41^{\prime \prime} \times 41 / 2^{\prime \prime} \times 14$
$5^{\prime \prime} \times 5^{\prime \prime} \times 1{ }^{\prime \prime}$
$\begin{array}{lllll}5^{\prime \prime} & x & 5^{\prime \prime} & x & 1 \prime \prime \\ 6^{\prime \prime} & x & 6^{\prime \prime} & x & 4 \\ 8^{\prime \prime} \\ 8^{\prime \prime} & x & 8^{\prime \prime} & x & 4^{\prime \prime}\end{array}$
$10^{\prime \prime} \times 10^{\prime \prime} \times 14^{\prime \prime}$

$2^{\prime \prime} 4545$
$2^{\prime \prime} \times 2^{\prime \prime} \times 4^{\prime \prime}$
$21 / 2^{\prime \prime} \times \quad 2 \frac{1}{2 \prime \prime} \times 4^{\prime \prime}$
$3^{\prime \prime} x 3^{\prime \prime} \times 1^{\prime \prime}$
$31 / n^{\prime \prime} \times 31 i \prime x+11$
$\begin{array}{lll}4^{\prime \prime} & x & 4^{\prime \prime} \\ 5^{\prime \prime} & x & 5^{\prime \prime}\end{array}$
$\begin{array}{llll}6^{\prime \prime} & x & 6^{\prime \prime} & x^{\prime \prime} 4^{\prime \prime} \\ 7^{\prime \prime} & x & 7^{\prime \prime} & x^{2} 4^{\prime \prime} \\ 8^{\prime \prime} & x & 8^{\prime \prime} & x^{2} 4^{\prime \prime}\end{array}$




4548
$2^{\prime \prime} \times 2^{\prime \prime} \times 1 / 3^{\prime \prime}$
$21 / 1^{\prime \prime} \times 21 / 2^{\prime \prime} \times 1 / 3^{\prime \prime}$
$3^{\prime \prime} \times 3^{\prime \prime} \times{ }^{\prime \prime} \times{ }^{\prime \prime}$
$4^{\prime \prime} \times 4^{\prime \prime} \times 4^{\prime \prime}$
$\begin{array}{llll}5^{\prime \prime} & x & 5^{\prime \prime} & x 1^{\prime \prime \prime} \\ 6^{\prime \prime} & 6^{\prime \prime} & x 1^{\prime \prime}\end{array}$

$12^{\prime \prime} \times 12^{\prime \prime} \times 4^{\prime \prime}$



GENUINE CARVED ORNAMENTS. -Furnished in Compo. if desired.


GENUINE CARVED ORNAMENTS.-Furnished in Compo. if desired.

$24^{\prime \prime \prime} \times 19 w^{\prime \prime}$


6"O. 7"O. 8"0, 9"0 and $10^{\prime \prime} \mathrm{O}$.


$=6$ GERNERT BROS. LUMBER CO.


4589 b.
$6^{-\times 2} \times 11 \mathrm{~h}^{-}$


GENUINE CARVED ORNAMENTS. Other sizes to order.


4596


4598
$4^{\prime \prime} \times 3^{\prime \prime} \times 7^{\prime \prime}$
4598 a.
$34^{\prime \prime} \times 249^{\prime \prime} \times 5^{\prime \prime}$


GENUINE CARVED ORNAMENTS.
$5^{5}$ GERNERT BROS. LUMBER CO., 美


4622 14" Diameter.
4623 1 "
4624 2" "
4025 23"
4626 3 ヶ"


The base of ith sornament beung turned $p$ ant mise the s recan bo vared. Cut represents four in. damrter


4613 1\%"Dameter. 4614 13"
4615 13
4616 2"
46172
4618 24"
4619 2z"
4620 3"
$462134^{\prime \prime}$



4639 2 4 Diameter
4640 34.


NATURAL PRESSED WOOD ORNAMENTS.


4646 ＂号＂Diameter．
4647 1\％＂＂
$46481^{3 / 11}$＂
4649 17＂＂
4650 23 ${ }^{\prime \prime}{ }^{\prime \prime}$
4651 2桨＂
4652 314＂




4672 2 $\frac{1}{2}$＂Diameter．
4673 13＂＂


4680 214＂Diameter．
4681 2＂＂
$46823^{\prime \prime}$
4683 34＂

$46741^{3}{ }^{3}$＂Diameter．


$46792^{\prime \prime}$ Diameter．


NATURAL PRESSED WOOD ORNAMENTS．

60 GERNERT BROS．LUMBER CO．．

$408918=140$
4686 1／は＂ 1 多＂
$4687={ }^{\prime \prime} 2^{\prime}$
4688 ．．＂．．．．
4689 2 A＂$^{2}$
4690 －4 a－$\frac{1}{4}$＂
$46913^{\prime \prime}$ I $3^{\prime \prime}$
4692 3 $4^{\prime \prime}{ }^{2} 3^{4}$
4693 34＂ 4 34＂


4694 ｜ン＂ュ $1=$
4695 14＂ェ 1 卒＂
$46902^{\circ \prime}$ a $2^{\circ}$
4097 2ッ＂ネ24＂
40y8 2－＂ $2=$＂
$409 y$ ．．A $2 z^{\prime \prime}$
$47003^{\prime \prime} \times 3^{\prime \prime}$
$4 i 0134^{-2} 36^{11}$
47u2 34＂a $3 \mathrm{~s}^{\prime \prime}$


4710 43＂ 14 x
4711 38＂34＂

$471411^{\prime \prime} 11$


4712 4n＂ 448
473 33＂月34．



4703 14＂a 14＂ 104 1＋2 $1=0$ $470525^{n} \times+4$
 $47073^{\circ}$ a $3^{\circ}$ $47083 ⿻^{\prime \prime \prime}=34^{* \prime}$ 4709 3s＂ュ3ヶ＂


4720 2， 34


NATURAL PRESSED WOOD ORNAMENTS．


4722 3＂1 $\times 33^{\prime \prime}$
$47231^{1 / 8^{11} \times 1188^{11}}$
$47241^{2} 8^{\prime \prime} \times 13_{8} 11$
4725 123＂$\times 13_{4} 11$
$47262^{\prime \prime} \times 2^{\prime \prime}$
4727 2桨＂1 $\times 2^{\text {s．}}{ }^{\prime \prime}$



$47282^{2162^{\prime \prime}} \times 2 \frac{1}{211}$ $47292^{\prime \prime} \times 2^{\prime \prime}$


Process for Finishing Natural Pressed Wood Ornaments．
As it is necessary to finish end wood with a different material from that used on flat grain，we give herewith a recipe which has been found practical and economical．

Take by weight one part of Paraftine shaved fine to twenty parts Naphtha dissolve in a closely covered glass jar iu a warm place．The solution should be complete in two or three hours：if not，the trouble is with the quality of the Naphtha．U＇se none but the best．＂Give the hardwood Ornaments one coat． and those of soft wood two coats：let them dry and rub them with a stiff polish－ ing brush，then apply one coat of shellac（we find that the white shellac is best adapted for light colored woods and the brown for dark colored woods，but in most cases the former is preferable；，on which rarnish may be laid if desired when dry．

In order to accommodate our customers who may find it in－ convenient to prepare this mixture for small quantities of work， we keep the same in stock in the following quantities：
Half Pints，25c；Pints，35c；Quarts，50c；Gallon lots，\＄1．00．


4740 3\％＂$\times 2$ 2月＂

$4730344^{\prime \prime} \times 34 y^{\prime \prime}$
4731 2\％＂$\times 2 \%$＂
$473217^{7 \prime \prime} \times 17^{7}$


4734 1夝＂$\times 1$ 䞨



4739 31／2＂Diameter． 4739 A $5^{\prime \prime}$


4741 2＇s＂Diameter． 4742 2as 4743 34＂

$4746^{\circ} 4$ ". "3"
4i47 6 "" $3 y^{\prime \prime}$

$47446^{\prime \prime} \sin ^{-7}$
1/45 85": 2 2"

$\begin{array}{ll}4148 & 22^{\prime \prime} \times 4 \times 1 \\ 4749 & 34 \\ 4\end{array}$

$475034{ }^{\prime \prime} \times 8^{\prime \prime}$
$47512^{4 \prime} \times 6^{\prime \prime}$

$4755 \quad 21 " 6^{11}$

$475812^{\prime \prime} \times 1!{ }^{\prime \prime}$
4759 14"×1""


NATURAL PRESSED WOOD ORNAMENTS.



4769 33 " $\times 6^{1} 3^{\prime \prime}$



4777A 118"Square
$4777811^{41 \%}$


NATURAL PRESSED WOOD ORNAMENTS.
 4793A 5\%" ${ }^{18} \times 6$ " Made with square sides, but can be trimmed to this shape.


4793B Same, only scroll runs opposite.
4792C 8 $x_{4}^{\prime \prime} \times 2{ }^{3}{ }_{4}^{\prime \prime}$
4793C Same, only scroll runs opposite.

$47943^{4} 4$ " square


4795 11/2" square. 4796 21/2" "


NATURAL PRESSED WOOD ORNAMENTS.
$\infty$ GERNERT BROS. LUMBER CO.,
唓


4791A 1. . . 0


$479966 \times 0^{\circ}$

GENUINE CARVED PANELS AND BRACKETS.


4800 Scroll 6 s＂＂$\times 18^{\prime \prime}$


4800 B Scroll $51 / 2^{\prime \prime} \times 14^{\prime \prime}$
Outside size ta order．
 Outside size to order，


4800 F Scroll $3^{3} \mathrm{~s}^{\prime \prime} \times 15^{3} \mathrm{R}^{\prime \prime}$ Outside size to arder．


4800 C Scroll 5＂$\times 12 \frac{1}{4}$ Outside size to order．


4800 E Scroll $4 \frac{11}{\prime \prime} \times 121 / 2^{\prime \prime}$ Outside size to order．

$4800 \mathrm{G} 6^{\prime \prime} \times 9$


4800 J $10^{\prime \prime} \times 14$

$800 \mathrm{~K} \mathrm{~g}^{\prime \prime} \times 12^{\prime \prime}$

on GERNERT BROS. LUMBER CO.. 事 事


4801
$54 "$ a $5 \times 14$


4802



4803
$59^{\prime \prime} \times 5 y^{\prime \prime} \times 12$ "


4807



4811
$5 \pi^{\prime \prime} \times 53^{\prime \prime} \times 15$






4814
5". 5 "", 14"
$5 " \times 511^{\prime \prime} \times 140$



4815
5"*5"×1"

$54{ }^{\prime \prime} \times 5 x^{\prime \prime}+135^{\prime \prime}$

$30^{\circ \prime}=5 y^{\prime \prime}=15^{\circ}$



4819


4820


5 " = 5 ," 21 "

$34^{\prime \prime} \times 23^{\prime \prime} \times 5-16^{\prime \prime}$
CORNER BLOCKS


$48 \angle 3$
$5 \frac{1}{2 \prime \prime} \times 10^{\prime \prime} \times 10^{\prime \prime}$


4824
$51 / 2^{\prime \prime} \times 12^{\prime \prime} \times 13 / 8^{\prime \prime}$


4826
$512^{\prime \prime} \times 9^{1 / 2^{\prime \prime}} \times 13{ }^{\prime \prime}$

$5^{\prime \prime} \times 11 "$ • $3 \mathrm{c}^{\prime \prime}$
HEAD, CENTER AND BASE BLOCKS.


4833
$5^{\prime \prime} \times 12^{\prime \prime} \times 1 \% 8^{\prime \prime}$


4854
5 " * $11^{\prime \prime *} \times 1$ "


4835
$5^{\prime \prime} \times 10^{\prime \prime} \times 10^{\prime \prime}$


4810
$5 y^{\prime \prime}=12^{\prime \prime}=14^{\prime \prime}$
4.440

HEAD CENTER AND BASE BLOCKS
GERNERT BROS. LUMBER CO.,

$31^{\prime \prime} \times 9^{\prime \prime} \times 15^{\prime \prime}$

$7^{\prime \prime} \times 7$ - 18 "


交 学


4844
$7^{\prime \prime} \times 1 \cdots=1 \mathrm{~m}$.


4843
$7^{\prime \prime} \times 7^{\prime \prime} \times 18$


4846



4850
$51 / 2^{\prime \prime} \times 12^{\prime \prime} \times 116^{\prime \prime}$
4850 A
$5^{\prime \prime} \times 11^{\prime \prime} \times 17{ }^{17}$

$5 \frac{1 / 2 "}{}{ }^{\prime \prime} \times 11^{\prime \prime} \times 1 \frac{1}{1 / 2}$


4856
$51 / 2^{\prime \prime} \times 12^{\prime \prime} \times 1 \%{ }^{\prime \prime}$ 4856 A
$5^{\prime \prime} \times 11^{\prime \prime} \times 13{ }^{\prime \prime}$

$512^{\prime \prime} \times 5^{48} 1^{\prime \prime} \times 1 \frac{1}{6 \prime \prime}$

$3^{\prime \prime} \times 5^{\prime \prime} \times 1 \frac{1 / 8}{}$ 4857 A
$412^{\prime \prime} \times 41 / 2^{\prime \prime} \times 133^{\prime \prime}$
4857 B
$4^{\prime \prime} \times 4^{\prime \prime} \times{ }^{\prime \prime \prime}$

$5 \frac{12^{\prime \prime} \times 10^{\prime \prime} \times 138^{\prime \prime}}{4855}$


$51 / 3^{\prime \prime} \times 12^{\prime \prime} \times 1 \frac{81}{}$


$5 \frac{4851}{481} \times 5 \frac{1}{2^{11}} \times 1$ 1/3"

4852
$51 / 9^{\prime \prime} \times 12^{\prime \prime} \times 1 \% / y^{\prime \prime}$



$51 / 2^{\prime \prime} \times 11^{\prime \prime} \times 1 \%{ }^{\prime \prime}$
4858 A
$5^{\prime \prime} \times 11^{\prime \prime} \times 1$ \%"

HEAD, CORNER AND BASE BLOCKS.




4865
$34^{\prime \prime} \times 8^{\prime \prime} \times 6^{\prime \prime}$
$3^{\prime \prime} \times 1^{\prime \prime} \times 3^{\prime \prime}$
$24^{\prime \prime} \times 7^{\prime \prime} \times 8^{\prime \prime}$


- 4060

$4^{\prime \prime} \times 4^{\prime \prime} \times 14^{\prime \prime}$
$34^{\prime \prime}$ ミ $34^{\prime \prime} \times 1$ "

$48^{\prime \prime} \times 10^{\prime \prime}$ к $14 "$ 4" $\times 10=41="$ $3^{\prime \prime \prime}=10, " \times 1 "$


4" 10 " $10 \times 14^{\prime \prime}$ 34" = $100^{\prime \prime}$ " 14 $3^{\prime \prime} \times 10^{\prime \prime} 0^{\prime \prime} 12$ "

$33^{\prime \prime} \times 10^{4867} 0^{\prime \prime} \times 14^{\prime \prime}$ 3" $\times 10^{\prime \prime}$ " $\times 14 "$


4.7" ${ }^{4870} 119^{\prime \prime}$ * $1 \mathrm{x}^{\prime \prime}$






HEAD, CORNER AND BASE BLOCKS

$3^{\prime \prime} \times 3^{\prime \prime} \times 3^{\prime \prime}$
3" $3^{\prime \prime} \times 3^{\prime \prime} \times{ }^{\prime \prime}$
$24^{\prime \prime} \times 2{ }^{\prime \prime \prime} \times{ }^{\prime \prime}$
$2^{\prime \prime} \times 2 \prime \prime$

LOUISVILLE，KENTUCKY，U．S．A．



4880
$3 \frac{14}{\prime \prime} \times 34^{17} \times 7_{8}^{\prime \prime}$ 2 多＂$\times 23$＂$\times$ な＂


4882
2录＂$\times 41 / 2^{\prime \prime} \times 78^{\prime \prime}$





4886
$2 \% " 1 \times 2$ 然＂$\times$ 弥＂


$33^{\prime \prime} \times 9^{\prime \prime} \times$ 和＂
$23^{\prime \prime} \times 7^{\prime \prime} \times y^{\prime \prime}$


4884
$24^{\prime \prime} \times 5 \frac{1}{3 \prime} \times 8^{\prime \prime}$ 2 奖 $\times 4^{\prime \prime} \times$＂

$296^{\prime \prime} \times 4^{\prime \prime} \times{ }^{7 \prime \prime}$

$2 \%{ }^{\prime \prime} \times 6^{\prime \prime} \times$ 行 11


4891
$43 / 3^{\prime \prime} \times 434^{\prime \prime} \times 1 \frac{1 / 0^{\prime \prime}}{}$ 3 習＂$\times 3 \times 1{ }^{\prime \prime} \times 1 /{ }^{\prime \prime}$
$324^{\prime \prime} \times 3^{4} 4$＂ 1 年＂ 2 梁＂$\times 2 \%^{\prime \prime} \times 3$ $13{ }^{\prime \prime} \times 13^{\prime \prime} \times$ 资＂



43＂$\times 4^{3 / 4} \times 11{ }^{1 / 6}$



4893
$3 \pi / 4 \times 3^{3 \times 1} \times 1 \frac{18}{\prime \prime}$ $33^{\prime \prime} \times 3^{\prime} 4^{\prime \prime} \times 1 \frac{18}{\prime \prime}$
$3^{\prime \prime} \times 3^{\prime \prime} \times 18^{\prime \prime}$ $2^{317} 4^{\prime \prime} \times 23_{4}^{3 \prime} \times 1^{16^{\prime \prime}}$


4894
$33^{3 \prime} \times 3^{3} 3_{11}^{\prime \prime} \times 23^{\prime \prime}$ $3^{14}{ }^{\prime \prime} \times 3^{\prime \prime} 4^{\prime \prime} \times$ 2＂ $3^{\prime \prime} \times 3^{\prime \prime} \times{ }^{\prime \prime \prime}$ $2 \% 3^{\prime \prime} \times 2^{9 \prime \prime} \times{ }^{\prime \prime}$


4895
 3 年＂$\times 3^{4}$＂$\times 11 / 6^{\prime \prime}$ $3^{\prime \prime} \times 3^{\prime \prime} \times 1^{\prime \prime} 8^{\prime \prime}$


4897
$23 / 3^{\prime \prime} \times 2$ 本＂$^{\prime \prime} \times 3{ }^{\prime \prime}$ $23_{4}^{\prime \prime} \times 21_{4}^{\prime \prime} \times 3{ }^{\prime \prime}$ $2^{\prime \prime} \times 2^{\prime \prime} \times 3^{\prime \prime}$ $135^{\prime \prime} \times 135^{\prime \prime} \times$ 落＂ $11 / 2^{\prime \prime} \times 1 / 2^{\prime \prime} \times 1 / a^{\prime \prime}$


 $2^{\prime \prime} \times 2^{\prime \prime} \times 3{ }^{\prime \prime}{ }^{\prime \prime}$
 $11 / 2^{\prime \prime} \times 11 / 2^{\prime \prime} \times 1 / 2^{\prime \prime}$


4899
23 资＂$\times 2^{33_{4}^{\prime \prime}} \times 1$ 绪＂ $214^{\prime \prime} \times 2^{\frac{1}{4}}$＂$\times$ 年＂ 13＂ $3^{\prime \prime} \times 1 \mathrm{~s}^{\prime \prime} \times \frac{5}{8 \prime}$＂ $11 / 3^{\prime \prime} \times 11 / 2^{\prime \prime} \times 3 / 2^{\prime \prime}$


29 ＂$\times 2{ }^{3}{ }^{-11} \times 1 \frac{1}{8}$ $2^{\prime \prime} \times 2^{\prime \prime} \times \times \frac{3}{4}$ $133^{\prime \prime} \times 1 \frac{18}{1 \prime \prime} \times 5^{\prime \prime \prime}$ $178^{\prime \prime} \times 17{ }^{\prime \prime} \times 1 / 2^{\prime \prime}$


PRESSED HEAD，CORNER AND BASE BLOCKS．


TURNED ROSETTES．

LOUISVILE. KENTUCKY, U.S.A.

$49244^{\prime \prime}$ Dia.

$49235^{\prime \prime}$ Dia.



4935 23: "Dia.



4949 "Dia.


1948 13i4 Dia.


4947 13" Dia.


HALF BALLS, TOPS AND ACORNE.
io GERNERT BROS. LUMBER CO., 为 为



SPINDLES AND BALUSTERS.
is GERNERT BROS. LUMBER CO., 为




Sision Liven LOUISVILLE. KENTUCKY, U. S. A. $2 x^{2}+0^{2}$





TABLE LEGS.


"'" = 13


FURNITURE AND GRILLE SPINDLES.

Lix LOUISVILLE. KENTUCKY, U.S.A.

$\because$ GERNERT BROS LUMBER CO., 妾


गी।

510014.


310714 "


3121 Vaplous Sires.


TIPS AND GRILLE ORNAMENTS.

(11 5131 Solid, 5131a 1 bore. 5131 b 2 bores.


114" 5132 Solid. 5132a 1 bore. 5132b 2 bores.



5/8" 5137 Solid. 5137a 1 bore.


5128 3i" Dia.


5127 \%/8" Dia.


DOWELS AND BALLS.

## 



FURNITURE AND GRILLE ORNAMENTS.

LOUISVILLE，KENTUCKY，U．S．A．学需为


GRILLE AND FURNITORE SPINDLES．

N6 GERNERT BROS. LUMBER CO.,


GRILLE AND FURNITURE SPINDLES.

s

Base Corners.
$32011^{\prime \prime} \times 14^{\prime \prime}$


Saell quar round. $18^{\prime \prime}$

$521433^{\prime \prime} \times 30^{\circ \prime}$



3218 48" $\times 3^{\prime} 6^{\prime \prime}$


3219
$3^{\prime \prime} \times 3^{\prime} 6^{\prime \prime}$

$34^{\prime \prime} \times 3^{\prime} 6^{\prime \prime}$



CORNERS, GABLE FINISH AND PORCH POSTS.

LOUISVILLE. KENTUCKY, U. S. A.電 89

(x) GERNERT BROS. LUMBER CO., 为




PORCH POSTS.
(




$\$ 286$
Doric.

$\$ 287$
Fluted Dorio.
PORCH COLUMNS.


5290 Base of Shaft $8^{\prime \prime}$,

5291
Base of Shaft $10^{\prime \prime}$.



Shaft 7" below 6" Top,
Full Height 10 Ft .


5301
$4^{\prime \prime} \times 4^{\prime \prime} \times 8^{\prime \prime}$


5302
$\left.2^{1}\right)^{\prime \prime} \times 3^{\prime \prime} \times$ a"


5307
$4^{41 \times 3} \times 3^{11}$




SCROLL ORNAMENTS.


GABLE ORNAMENTS.

08 GERNERT BROS. LUMBER CO.,


GABLE ORNAMENTS.

LOUISVILLE. KENTUCKY, U.S.A. 99

$16^{\prime \prime} \times 3 \mathrm{Ft}_{1} \times 1 \frac{18}{\prime \prime}$

$21^{\prime \prime} \times 3^{\prime} .7^{\prime \prime} \times 1 \frac{1}{6 \prime \prime}$

(x) GERNERT BROS. LUMBER CO.,


LOUISVILLE，KENTUCKY，U．S．A．
青 101

$$
\begin{aligned}
& \text { wommomen } \\
& \text { M (~M } \\
& \text { N }
\end{aligned}
$$

$$
\begin{aligned}
& \text { (年 } \\
& \text { Msesicse } \\
& \text { 63995959590 } \\
& \text { Noser }
\end{aligned}
$$

$$
\begin{aligned}
& \text { 2 (2) 5~~ } \\
& \text { Vererererent } \\
& \text { کŋை } \\
& 5391 \text { 7! } \xi^{\prime \prime} \times 33^{3 \prime \prime} \\
& 5392 \quad 5 \frac{1}{2 \prime \prime} \times 3{ }^{\prime \prime} \\
& \text { DRAPERY AND CRESTING. }
\end{aligned}
$$

102 GERNERT BROS. LUMBER CO.,

## ANNNAA




GERNERT BROS. LUMBER CO.,





SPANDREL AND PORCH BRACKETS.


SPANDRAL AND CORNER BRACKETS.

$550612^{\prime \prime} \times 12^{\prime \prime} \times 138^{\prime \prime}$


SPANDREL BRACKETS.


SPANDRAL AND CORNER BRACKETS.

LOUISVILLE. KENTUCKY, U. S. A.

brackets, arbor arches and lookouts.


SCROLL BALUSTERS, PICKETS AND COUNTER LEGS.

$54 / 4^{\prime \prime} \times 9^{\prime \prime} \times 31 / 3^{\prime \prime}$


DOOR BRACKETS AND MODILLIONS.

14 GERNERT BROS. LUMBER CO.,
\$



DOOR AND CORNICE BRACKETS.

116 GERNERT BROS. LUMBER CO.,


DOOR AND CORNICE BRACKETS.

## Whorches, Jbuackets, Thoods, JBalustrade, JBav VClíndows and Cornices.

On the preceding pages will be found an interesting assortment of Brackets, Modillions Spandrals, etc. Although the renaissance style of architecture is rapidly being displaced by more artistic and neater designs, it is still adopted for business property. Our patrons will find a complete line, and please note that dimensions given are for regular stock and in the following order: First, projection or width ; second, height or length, and third, the thickness. Other than regular sizes made to order.

On the following pages are found a variety of Door and Window Hoods and Caps, Hood Brackets, Porches, Veranda, Bay Windows, Gable Cornices, Balustrade and finish. The designs represent regular sizes, and are carried in stock, but other dimensions can be furnished on short notice.

Quotations do not include Casings unless specifically mentioned, and prices on Balustrade are always given exclusive of Posts, unless otherwise specified.



DOOR AND WINDOW HOODS

## $1: 0$ GERNERT BROS. LUMBER CO.,



HOOD BRACKETS.
Other Bizes to Order.
DOOR AND WINDOW HOODS.
Scale 1 Inch.





Inside Casing. Scale 1 Inch.

121 GERNERT BROS. LUMBER CO., 突


LOUISVILLE, KENTUC:KY, U. S. A.


5633
OUTSIDE DOOR AND WINDOW CAPS.

126 GERNERT FSROS. LUMBER CO., 这


$=10$


OUTSIDE DOOR AND WINDOW CAPS.

LOUISVILLE. KENTUCKY, U.S.A.





3644 Rail $27^{\text {T High. }}$
$8 \times 12$ Floor size.



PORCHES AND BALUSTRADE.

LOUISVILLE, KENTUCKY, U.S.A. 131


5647
Floor Size $6^{\prime} \times 11^{\prime}$


PORCHES AND BALUSTRADE.


5692
Floor Size 6 a 1 ?


PORCHES AND BALUSTRADE
Other sizes so order.

$5656 \quad 6 \times 8$ Floor size.


PORCHES AND BALUSTRADE.

134 GERNERT BROS. LUMBERCO.,



$1: 5$ GERNERT BROS. LUMBER CO.,
-


PORCHES.
Other sizes to order.


PORCHES.
Other sizes to order.


PORCHES.


PORCHES.

14 GERNERT BROS. LUMBER CO.. 为 为




PORCHES.
Other sizes to order.


PORCHES．
Other sizes to order．





PORCHES.
Other sizes to order.
Scale 3-8 inch.




${ }_{15}$ - 娄 GERNERT BROS. LUMBER CO.需




154 GERNERT BROS. LUMBER CO.,




150 GERNERT BROS. LUMBER CO..



158 GERNERT BROS. LUMBER CO.,



[^0]


GERNERT BROS. LUMBER CO.,


$1=$ 处 美
GERNERT BROS．LUMBER CO．，素


Sida


LOUISVILLE. KENTUCKY, U. S. A




LOUISVILLE, KENTUCKY, U.S.A. 165





GERNERT BROS. LUMBER CO.,




LOUISVILLE, KENTUCKY, U.S.A.





LOUISVILLE, KENTUCKY, U.S.A. 175






LOUISVILLE, KENTUCKY, U.S.A.

$2^{\prime} .41^{\prime \prime} \times 2^{\prime}, 4^{1 a^{\prime \prime}} \times 133^{\prime \prime}$


$2^{\prime} .6^{\prime \prime} \times 1^{\prime} .8^{\prime \prime} \times 13 \mathrm{a}^{\prime \prime}$


58174 ft . Wide,

$2 \mathrm{ft} \times 3 \mathrm{Ft} \times 13 \mathrm{~d}$
GABLE WINDOWS AND VENTILATORS.
Other sizes to order.

LOUISVILLE, KENTUCKY, U. S. A.





5834



Air Grate.


5839 Grate Batton.


5840


5841
Cellar Doors in Pairs.

ORNAMENTAL SHINGLES, CELLAR GRATES AND FRAMES.
Other sizes to order.

心2 GERNERT BROS．LUMBER CO．，青 盛




ALL REGULAR SIZES KEPT IV STOCK.








WINDOW FRAMES AND OUTSIDE CASINGS.


WINDOW FRAMES AND OUTSIDE CASINGS.
Other sizes to order.


WINDOW FRAMES AND OUTSIDE CASINGS.
Other mizes to order.



GERNERT BROS. LUMBER CO..


GOTHIC AND CIRCULAR FRAMES.



59093 Ft. $\times 24^{\circ}$


MARGINAL AND CIRCULAR WINDOWS.
Other sizes to order.


14, inch Thick I'aless (ntherwise specitied. A Full time of Queen Anne and Two-Light Winduws in stirek.


PLAIN, MARGINAL AND ORIEL WINDOWS.
Other sizes to order.

LOUISVILLE, KENTUCKY, U. S. A.


4.L Barn Sash, $10^{\prime \prime} \times 14^{\prime \prime}$


Transom $1 \mathrm{LI} .3^{\prime} \times 14^{\prime \prime}$


Transom $2 \mathrm{Li} 3^{\prime} \times 14^{\prime \prime}$


3-L. Cellar Sash $10^{\prime \prime} \times 14^{\prime \prime}$


5933
Transom 1-Li. Cir. Cor.
$3^{\prime} \times 14^{\prime \prime}$


Cupboard Sash $3^{\prime} \times 4$ '.


2-L. Cellar Sash.
$14^{\prime \prime} \times 20^{\prime \prime}$


Cupboarb and Inside
Show Sash, $4^{\prime} \times 5^{\prime}$


Barn Transom 5' $\times 18^{\prime \prime}$

$5937^{1 / 2}$
$3^{\prime} \times 6^{\prime} \times 13_{8 \prime \prime \prime}^{3 \prime}$ no strip.
PANTRY WINDOWS, TRANSOMS, BARN AND HOT BED SASH.
Other sizes to order.


Adjuvtable Screens.
$5940 \quad 18$ to 34 High
From $21^{-1}$ to $3 T$ Me.


$59433^{\prime} \times 7^{\prime}$




5946


Section through 5946


5950




SCREEN STOCK, FIRE PROOF DOORS AND SHUTTERS.


All Regular Sizes on rand. VENETIAT BLINOS.

We Are Sole Agents in Dur Territory for this Celebrated Stock




$\$ 969 \quad 28$ ※ 36
Golme TOD S. S.


OUTSIDE BLINDS AND SHUTTERS.

## Doors and wiore Jfirtures.

On the following pages will be found an unprecedented variety of designs and styles of Panel and Glass Doors, Plain and Ornamentic.

Our special cheap designs of Cottage Front Doors will be found on page 213 , and our latest and more artistic designs will be found on pages 233,234 and 235 . These are nudoubtedly the Leaders in the Market to-day.

Our designs of Interior Finish, Wainscoting, Grille and Frost Work speak for themselves.

## Illatiowood jfloors.

The advantages in cleanlituess and beanty which Hardwood Floors possess over carpets and ordinary floors, has created an unprecedented demand in all American City and Country residences, and, added to this, the reduction in the cost of manufacture in late years must leave bnt little doubt that the time is near at hand when nearly every humble cottage in the land will soon be adorued with one or more Parquetry floors.

We submit herewith a number of designs of thin floors in Oak, Maple, Cherry, Walnut and combinations of the same. As we are large manufacturers of Parquetry floor material we are in a position to fill the wants of our patrons in every detail in this line. Other woods besides those mentioned are used, but the latter more universally.

A floor covering usually consisting of a rug or matting is frequently used, bnt never to cover the entire floor. It is well in moving furniture from one place to another, to place a rug or piece of carpet under the casters to prevent indentation in the floor.

Floors that have a polish finish require brushing off with a feather brush or piece of soft cloth. If the cloth be slightly moistened, it will remove the dust more effectually, but the floor should be wiped dry immediately thereafter.

Should the floor become stained or soiled, it may be found desirable to cleanse with water and soap, rubbed thoronghly dry, after which a coat of polish should be applied.

GERNERT BROS. LUMBER CO.,

DOOIS.

 and front thmora, und are prepared to thll uriters for wny of the
fol in mog kituls on shert bettere


6001


6002




The prices of Doors are based on ordinary machine finish. When material is selected for oil the cost is increased, and when hand smoothed for oil finish the price is further increased.


GERNERT BROS. LUMBER CO.,


Regular stock foors are made either of White I'ine, Cypress, S. I'., or White I'ine stiles and
Kails, with Vellow l'ine l'anels. At the open price we reserve the right to
fill orders in any kiad of word.



We are prepared to furnish our patrons with Veneered Oak, Birch, Maple, Cherry, Walnut or other Hardwood Doors at less than Chicago Prices. Hardwood Doors to order only.


MOULDED DOORS.



 Quotations are laned on suft Wisula and on regular 3'xi' nize is -inch thick. Extra charge for oil Aninh. Gdd nizes to order


We are the Pioneers in Art Moulded and Elegant Front and Vestibule Doors. One-light Doors back puttied and glass fastened in with art moulding. Try our Veneered Doors.



60bz




Art Moulded Dours, all glass, D. S., back puttied and fastened iu with Art Moulding in one-light Joors. Try our Hardwood Veneered Doors.


FRONT DOORS.



1 Light Jenny Lind.


Glass back puttied in 1 light Doors and fastened with Art Moulding. Marginal Doors Glazed with plain Center and Border Lights, Cathedral.


PLAIN AND BORDER LIGHT FRONT DOORS.


Uniess otherwise apecified an to glazing. Marginal Dewra wilt leg glazed plan Centen an leolimed



SINGLE AND DOUBLE FRONT DOORS.


Front Doors when Glazed are filled with D. S. Glass, back puttied and fastened with Art Mould. Try our Hardwood Veneered Front Doors, Oak, Birch, Maple, Cherry, Walnut, ete., only made to order.



6090



Our wew Art Monlded and Grommented Dowrnare the latest out. Wi. surpan all our compettors in design athe workmanship. Guotations on soft worlabd are based on size shown. (h)d nizes to corder and wil timivh evtra



DOUBLE AND SINGLE FRONT DOORS.



Quotations are based on Soft Woods of sizes shown. Hardwood Doors and other sizes to order. Plate Glass and Hand smoothing extra price.




 J'late. Glans and Handsturnothing extra l'rice


STORE DOORS.


$=20$ GERNERT BROS. LUMBER CO.




b136



STORE FIXTURES.




6147


220 GERNERT BROS. LUMBER CO.,幾



6151

$2=$ GERNERT BROS. LUMBER CO.,


6153



6155



6157



232 GERNERT BROS. LUMBER CO. $\frac{x^{2}}{2}$



DOORS AND INSIDE CASING.
Scale 1-2 inch.




## 





SOnisvo akatyo anv syooa






6186





6190



240 永
GERNERT BROS. LUMBER CO.,
类




6195



6190



LOUISVILLE．KENTUCKY，U．S．A 241

$62115-16^{\prime \prime} \cdot \times 4^{\prime \prime}$ ．W．and 0
 $62125-16^{\prime \prime}, \times 4^{\prime \prime}, M_{1}$ and $C$
$6213^{\prime \prime} 56^{\prime \prime} \times 4^{\prime \prime} \quad$ W．and $M$ － 6214 5－16＂，$\times 4^{\prime \prime}$ ．C．and M
anc，220 6215 5－16＂．$\times 4^{\prime \prime}$ ．M．and 0 ．
 $\frac{6216}{6-16^{\prime \prime} \times 4^{\prime \prime} \quad C \text { апы } M}$
 $62175-16^{\prime \prime}, \times 4^{\prime \prime}$ ．O．C．and M．
 $6219 \mathrm{~S}^{-16^{\prime \prime} \times 4^{\prime \prime}, 0 . \text { M and W．}}$ $62205-10^{\prime \prime} \times 5^{\prime \prime}$ ．M．W．and 0 ． －Mrumun $62215-16^{\prime \prime} \cdot \times 6^{\prime \prime} .0$ and W． SWMWMNM 6222 5．16＂．$\times 6^{6}, 0$ ．and $C$ ．
国 6223 5－16＂．$\times 6^{\prime \prime}$ 。 0 ，and C
 －नलमटनटन्य 6225 5－16＂．$\times 6^{\prime \prime} \cdot 0$ and W．
 $62265-16^{\prime \prime}, \times 6^{\prime \prime}, 0$ and $C$ ．
 $62275 \cdot 16^{\prime \prime} \times 6^{\prime \prime}, 0$ and C ．


H－ $62355-16^{\prime \prime} \cdot \times 8^{\prime \prime}, O M$ and $W$ ．目目园目目目标司 $62365-16^{\prime \prime}, \times 8^{\prime \prime}, 0$ and $\mathrm{M}_{1}$

$62385-16^{\prime \prime} \times \times 9^{\prime \prime} .0 . \mathrm{C}$ ．and M ．



6245 5－16＂$\times 15^{\prime \prime}$ ．C．O．W and M．


6246 5－16＂，x 18＂， 0 ．and C．


6248 8locks 12＂．Sq．0．C．and M．
 0 ．and W．


6252 Blocks $6^{\prime \prime} \times 12^{\prime \prime}$




LOUISVILLE, KENTUCKY, U. S. A.


GRILLE WORK.



6287


Scale 1.2 inch.

248 GERNERT BROS. LUMBER CO.




$63033^{\prime}$ W. $\times 7^{\prime} \mathrm{H}$.





252 GERNERT BROS. LUMBER CO.,




LINEN PRESSES AND MEDICINE CASES.

## . . . Insoderll wtaícases. .

During the Colonial days of the Seventeenth Century the modest and rude structures which sufficed to shelter the colonists, contained but a primitive method of elevating mankind.

In no branch of industry is the contrast of two centuries so conspicuous as in the art of building stairs.

On the following pages we exhibit many designs and varied, of the latest styles of modern stair-work, which we are prepared to furnish in short order at remarkably low prices. As late as ten years ago it would have been impossible to obtain a stairway of the same design for less than double the cost of production to-day, but the progressive age in which we live brings within the reach of every builder an artistic structure at a comparatively nominal price.

No branch of our plant is given more attention than our stair department, and we assure our patrons that every care and precaution shall be taken to secure to them the finest the market affords for the money expended, not ouly in stair work, but in every line of our interior finishing department.

In ordering stairways kindly follow instructions given on page xvi, in front part of this catalogue.


LOUISVILLE, KENTUCKY, U. S. A.


Ground plan, scale 1-4 inch.

258 GERNERT BROS. LUMBER CO.,



STAIR CASES.
Elevations, scale 3-4 inch.



STAIR CASES.
Elevations, ecale 3.4 inch.


STAIR CASES.

Elevations, scale 3-4 inch.


STAIR CASES.



STAIR CASES.



STAIR CASES.

266 GERNERT BROS. LUMBER CO..
霊







(s)


IT



$\frac{9}{6}$ wis












274 GERNERT BROS. LUMBER CO.,



270 GERNERT BROS. LUMBER CO.,



HAND RAILS.



MANTELS.



Width of Mantel， $37^{\circ} \quad$ Herght， 48
Tlo Opening 35 r $^{-W}$ W．$\times 35$ 4 H ．
Length of Shelf $60^{-}$



Length of Shelf $60^{\circ}$.



MANTELS.


MANTELS.


STGUNVIN



MANTELS.


[^1]

254 GERNERT BROS. LUMBER CO..


LOUISVILLE. KENTUCKY, U.S.A. 289
-STGLNVK



MANTELS



MANTELS.




MANTELS.

'STGLNVKI



MANTELS.


'STGKNVII



## Defender Refrigerators:

The the Pan thelf th made of heavy gatvanized Iron, and rents upon iron brackets runnigg alt the way around the inside of the kex and furnlshing an aboulutely solld and staLie si-port. The ho.es in each end of the nlelf, and the large aperture in the center, furn h h ample space fur the circulation of alr.
The lie Pan praper is made of heary, galranized iron, and rests in the depresta pro13 ed for It in the ice pan ohef, and duen n t teuch the sldes of the refrigerator at any point.
The ice Rack is of hard wood, saturated with a water-proof compound, and is abmolutely and permanently odorless it $h$ in every way preferable to an iron rack, its mala adrantage being that it does not eat jnto the ice.

The Shelves are of corrugated, bess qualIty, gatvarlzed Irom, the space between the corrugations belag perforated so as to admit of a freecirculation of alr.

Insulation. We bare irled many experlments, but hare settled upon a combination of mineral wool, charcoal paper, wood lifing and air spaces, which taken zogether give wite separate walls for the protection of fce and the preservation of a uniform temperature in the provlsion chamber.
Lochs and Hinges are of genulae mronze, and of artiotic design.
Casters are of standard make and are selfretaluing.
The Defender la a thoroughly cleauable refrigeraror. The lce pan can be taken out without remoring the lce; hoth the lce pan shelf and the provision shelres can be remored in a moment's time. and the whole interior of the box is absolutely clear.
The out side cave is made of best, carefully seasoned and kiln-dried hardwood lumber, well framed together, panels growred In, and fin.
 tshed in one coat of illler and iwo coate of best qual!ty varnish.

## Description of Circulation.

Tbis cut shows a sectional rlew of the Defender liefrigerator, and given an idea of the system of circulation.

The current of cold air passen down through the opening in bottom of liee chamber, and insiead of d-sributing itself promim uouso iy In the provision chamber, it is direcied ly the wings in a milld current to the bottom of the chamber. wher it dirldes and rises through the flues on cither sude of the kee chamber
The air then pasmes into the ice chatior, where all mots and mointure are conlented on the lie, and pane ent in the rip water.
Thas device trares perfect and por ive ilrulat on, and keeps
the air in prorislon chamber at an even and low degrec of remperature.

## hATE:R COOLER

This is is berted in the refirigerat $r$ through an opening in the front, and in located below the lie climemer and alwie the drip pans.

It is made of tinned sheet copper and ha- an oral top through whlch in an opening of wuficient nite to permit of alling and clean. lng
The opening in provided with a eight-fitting coret to kcep out all limpuriver.
The drip water and the cold alt pasa around all sides of the cooler and un te in reducing the water in the cooler to the lowest ponstble temperature.


$665426^{\prime \prime}$ W, $20^{\prime \prime}$ D. $52^{\prime \prime} \mathrm{H}, 165 \mathrm{lbs}$,
$665530^{\prime \prime}$ W. $21^{\prime \prime}$ D. $58^{\prime \prime}$ H. $200^{\prime \prime}$
$665633^{\prime \prime}$ W, $22^{\prime \prime}$ D. $60^{\prime \prime}$ H. $225^{\prime \prime}$
Outside Measure.


6657 24" W. $15^{\prime \prime}$ D. $39^{\prime \prime} \mathrm{H}, 100 \mathrm{lbs}$,
$66582^{\prime \prime}$ W. $16^{\prime \prime}$ D. $40^{\prime \prime}$ H. $110^{\prime \prime}$ $66596^{\prime \prime}$ W. $177^{\prime \prime}$ D. $42^{\prime \prime}$ H. 125 "

Outside Measure.



6663 . 8 W. $19^{\circ}$ D. $45^{\circ} \mathrm{H} .150 \mathrm{lbs}$.
600110 W $21^{\circ} \mathrm{D} 49^{-} \mathrm{H}, 180$
666333 w 2 D $49 \mathrm{HI} 205=$
Out de tira re


666626 W. $16^{\circ}$ D. $26^{\circ}$ H. 89 lbs.
666730 W. 19 D. $28^{-}$H. $100^{-}$
66 b8 $32^{\circ}$ W. $21^{-}$D. 30 H. $125=$
$666936^{\circ}$ W $24^{\circ}$ D. $33^{\text {H. }} 165^{*}$
6670 42-W $28^{-}$D 36 H. $200=$
Outude Mensure.




Adjustable Chair Desks．


6683 Closm．

Church Furniture－l＇ews，I＇uplin，l＇latform Fiurniure，（＇hapel and Sunday－mehoul seating，
Thentrend Hall seating＂pwra Chairn from the luw－priced verber to the mont elaborately up－ holetered：setteenand lortahle Folding Chairmof every demerintion．

Fitne Opfice Deak a of every deactiption．
Conrt Howse Furniture．
 mont claburate．We maku thin lramed a npectalty
If interented in any of the ishowe，write us．





GREEN HOUSE MATERIAL.


GERNERT BROS. LUMBER CO.,



ELECTRICAL MOULDINGS.


6801
Patent Ondoyant.


Patent Venetian.


Patent Muranese.


6802
Patent Diaper.


6805
Patent Diamond Star.


Plain Cathedral.


6803
Patent Pyramidical.


Diamend Ribbed.


6809
Ribbed.

310 GERNERT BROS. LUMBER CO., 気


0810


6815


6811


6816


6812


0813


6814


6817


6818

6819



6820


6821


6822

## BEVELED PLATE to order

LOUISVILLE, KENTUCKY, U.S. A.


6824


6825



6827

312 GERNERT BROS. LUMBER CO..


6828



6829



6832 Chipped Bevel Plate.
6833 Plain Glass with Imitation Bevel.


6834

Clear Geometric Chipped.


6835
Clear Geometric Chipped.


6836


6837


6838




6842 COLUMBIA.

6845



6843


6844
LONE FISHERMAN.


6846


6847


316 GERNERT BROS. LUMBER CO.



6860











Tree Boxes.



Flag Staff.


Hen House




0930 Fs oh dy


L"e Ga * waziln Jab



Egg Crate Folded.


6942 Tack and Nail Box


6943 Tack and Nail Box


6944 Tack and Na!! Box


6935 foldng Bicyce Stand.



Hardwood Floor Scraper.


32 GERNERT BROS. LUMBER CO.. G


6967 Damber, 34 to st Da

$\frac{50 \rightarrow \infty}{6972}$
Stoores.


6973




Collong

0

$\square$
$\mathrm{N}=\mathrm{a}-\mathrm{Cl}^{2}$



## RUBEROID ROOFING AND INSULATING PAPERS.

We respectully call the attention of our patrons to the rapidity with which "Rtiberoid Roofing" is taking the place of Shingles and Metal roofs. The stock from which it is manufactured has a foundation composed of the best and strongest felt, and is impregnable to water, acid, heat, or alkali, and the material, which comes in rolls of 200 square feet each, is supplied with the necessary mails, washers, and cement, and is warranted to resist heat, water, acids, alkali, and other matters detrimental to the materials now commonly in use.

It is especially desirable for Tobacco Barns, Stables, Warehouses, and Dwellings, and its cost is much less than auy other material now in use.

It is particularly prepared for covering Founderies, Factories, and Tanneries, Chemical, Acid, and Glass-works, and all structures continually exposed to sudden changes in temperature and to heat, gases, and moisture.

It is well adapted for Brewery, Distillery, and Milling structures, Car roofing, Refrigerators, and Ice plants. For the latter purposes, however, we handle exclusively
"P. \& B."
and Giant Insulating Papers, r ply, 2 ply, 3 ply, and + ply, which is now minersally used wherever it is desirable to retain a certain atmospheric condition, to exclude heat, air, moisture or corrosion. The Papers are put up in rolls of rooo square feet, but can be furnished in smaller quantities.

The cost of putting down either the Roofing or Paper is nominal, and each package contains directions so simple that any intelligent laborer or boy can apply the same.

Send for samples and particulars.

## USEFUL RULES.

 theit etlaseur

The cran uf a orele le equil in -is $t$ es th mertle wander

 sule


A barre wh lime nveians 2/2 lu beis med

 A = " ${ }^{\circ}{ }^{\circ}$ A ajwre - - i f veme : - io

ive s ctels tare $4=1$ is -1 and to sovilorth.

1, - I follee i ha men 110 ywid
 rale timery

1 Bras avails weighs 4 : 6 wn to the co:
 1. in i. cul-e feet t twe ca:

A l-dufsandit cilcyar weighs joon lin libasit the er
A lasil 1 of t.me weizhs to pounds, 300 bu'bets the car
A tathel of coal weighs 72 lbs., 135 bn 10 the etr.
A tuare of ro ing requares 10 co shangies 4) fles:l meather

A -inare of rook ng requires goos shingles A'/ nelses to wreather
A -jare of roosing requires $\&$ ibs nails.
A shagle is $f \mathrm{i}$ hes wile
A square of weather-boarling requares inf feet of $5^{2}$ : inch 5 ing 1 inch lp and 2 pounds Eal-s, openings munsellia.
A quate of flurnzz requites 1 1o feet face of Bown is and z': 1 n $\quad$ nalla

1. yar of plaiteriva requ res 1.000 fec: of Rofitis, लmin ination sheathing anll lath. io pounds na: C - bn. Fme, 15 brs sand and - herr: ir ímieth. it pomends nets. 3 fu. lime it bu sand an 1 i bn half.
A boarlizfting contalns I fit ever! in



Inarts ariaced to 11 in in are reckoned as : 1 in th ck
Fards surfaced to 1 ts in. are rechone 1 as $1 y_{\text {a }}$ in tirci:
Hoarls serfaced to \& / in. are reckoned as 2 ln . thisch.

Poards surfaced: less than $i$ in. are recknmed os 1 :n. thik

## MEASURES.

1 gal oliquileqnils $23 t \mathrm{cu}$ in. Dry asia 1 ushel equan $\frac{1}{}$ cu CHCles i Sumbilistz in dumeter 2 ; 1 - deep-
1 Mirel equos it crallins
A boex $24 \times 2 ; \ln \times 14 j-1 \mathrm{in}$ in will hold: Barm/

$A \operatorname{lo} x 12 x$ it $x$ it $11-5$ in whil bold :




MEASURES-Con: nued
A k $\times 11: 5 \times 13$ in $\times 5$ in. win bild : basion ifdy kal
A $x$ x $x \leq 2510 x>$ in widu b 1 if peck or $2 \ln \operatorname{pal}^{1}$.
 or $2 \pi x+2 x_{1}$
 e: 1 ery gill
 ort lirsta,
 luged gethes.
t/xifx15in $x: 22-5$ in hals in angal

 dry menare

A Nex i $x$ in $x=1-1$ in will hool i piet dry an:e
i lextix $x$ s in. $x=10$. milladi ipiat 1 1-x+ce

 ga lons, welgha b2 $_{2}$ poutis.

A citn of water contarns 231 cm in welghs s poneda

## Estimated Weights of Dry Lumber.

Moori : Dreved a : Matched White
Fre $\quad 2,000$
Floorng Iressed and Mazched Yellw
hine
2,500

Weather Boards, Dresved II b ve Proe $\$ 50$
Ce ing h' ixel thack Whi.. Ply plar. 900
.. 4 ‥ ... len $\begin{gathered}\text { Pine. . . } 1900\end{gathered}$
Dressed Poerds Wh re Prec. . . . . 3000
Roeich Boards th live Pre. .... 3.000
$\because \quad . \quad$ Ye Pine. . . 3.500
Jit and canthag lie Pine. . $\quad 4.300$

Pickets Drexvel Whate Pine. . . . 1.500
Pockets Rongh Crren ........ $\quad \begin{array}{r}2.250 \\ 2.500\end{array}$
In estimang welght of Shingles, Latb, etc., It is reasonalic to calcelare that $;$ La $b$ will equal ifoos of Lumber, 10 Sbivgles = equal if $f$ of Lomber. As average fence post equals as feet of Lamber of is owa beff or specier

## HARDWOOD.

| As | 3.5 | Cedar | 3.50 |
| :---: | :---: | :---: | :---: |
| Beech | 4.000 | Em | 3 500 |
| Burch | 3500 | Hickory | 4.250 |
| Bauswood | 2.500 | Mar | + 00 |
| Rencraai | 3.000 | OaL | 425 |
| Chesterel. | 3.200 | Toplar | 2,800 |
| Chertr | 3.200 | -ycamore | +25 |
| Corron=ood | 2,601 | - ecel Gine | 3.0co |
| yp | , | wa |  |

## Approximate Weights of Windows.

 13/8 Two Light Check Rail.| Size. |  | Open. | S.S. Gla. | $\begin{aligned} & \text { D. S. } \\ & \text { Gla. } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: |
| $20 \times$ |  | 9 lbs. | 21 lbs . | 23 lbs. |
| $20 \times 28$ |  | If Ibs. | 22 lbs. | 25 lbs. |
| $20 \times 32$ |  | 12 lbs . | 23 lbs. | 26 lbs. |
| $20 \times 36$ |  | $121 / 2 \mathrm{lbs}$. | 25 lbs . | 28 lbs. |
| $20 \times 4$ |  | 13 lbs . | 26 lbs . | 30 lbs . |
| $24 \times 3$ |  | $111 / 2 \mathrm{lbs}$. | 24 lbs. | 26 Ibs. |
| $24 \times 32$ |  | 12 lbs . | 25 lbs. | 28 Jbs. |
| $24 \times 36$ |  | 13 lbs. | 27 lbs . | 30 lbs . |
| $24 \times 40$ |  | 14 lbs. | 29 lbs. | $33 \mathrm{Ibs}$. |
| $26 \times 30$ |  | 12 lbs. | 25 lbs. | 28 lbs. |
| $26 \times 32$ |  | $12 \mathrm{t} / 2 \mathrm{lbs}$. | 26 lbs. | 30 lbs . |
| $26 \times 3$ |  | 13 lbs . | 27 lbs . | 31 Ibs. |
| $26 \times 36$ |  | $131 / 2 \mathrm{lbs}$. | 28 lbs. | 32 lbs . |
| $26 \times 4$ |  | 14 lbs . | 30 lbs | 34 lbs. |
| $26 \times 4$ |  | I5 lbs. | 32 lbs . | 36 Ibs. |
| $26 \times 48$ |  | 16 lbs. | 34 lbs. | 39 lbs. |
| $28 \times 32$ |  | 13 lbs. | 28 lbs . | 32 lbs . |
| $28 \times 36$ |  | 14 lbs. | 30 lbs . | 34 lbs. |
| $28 \times 40$ |  | 15 lbs. | 32 lbs . | 36 lbs . |
| $28 \times 4$ |  | 16 lbs. | 34 lbs . | 38 Jbs. |
| $28 \times 4$ |  | 17 lbs . | 36 lbs . | 40 lbs . |
| Approximate $W$ |  |  |  |  |
| Size. | 13/6th. |  | 1/8th. |  |
| $10 \times 12$ | 9 lbs. | IS lbs. | 8 lbs . | 15 lbs . |
| $10 \times 14$ | 11 lbs. | I9 lbs. | 8 lbs. | 18 lbs . |
| $10 \times 16$ | 12 lbs . | 22 lbs. | 9 lbs . | 20 lbs . |
| $12 \times 14$ | 11 lbs. | 23 lbs . | 9 lbs. | 19 lbs . |
| $12 \times 16$ | 12 lbs . | 24 lbs. | 11 lbs. | 22 lbs . |
| $12 \times 18$ | 13 lbs . | 27 lbs . | 12 lbs . | 25 lbs. |
| $12 \times 20$ | 14 lbs . | 32 lbs . |  |  |
| $14 \times 20$ | 15 lbs. | 35 lbs. |  |  |
| $14 \times 24$ | 17 lbs . | 40 lbs . |  | . |

Approximate Weight of Twelve Light Windows.

| Size. | 13/3th. |  | $11 / 8 \mathrm{th} .$ |  |
| :---: | :---: | :---: | :---: | :---: |
| S $\times 10$ |  |  | 6 lbs. | 14 lbs |
| $8 \times 12$ |  |  | 8 lbs | 18 lbs. |
| $8 \times 14$ |  |  | 8 lbs. | 19 lbs . |
| $10 \times 12$ | 1 I lbs. | 23 lbs . | 9 lbs. | 21 lbs . |
| $10 \times 14$ | 11 lbs. | 26 lbs . | 9 lbs . | 23 lbs. |
| $10 \times 16$ | 12 lbs. | 29 lbs. | 10 lbs . | 26 lbs . |
| $10 \times 18$ | 13 lhs. | 32 lbs. | 10 lbs . | 29 lbs . |
| $10 \times 20$ | 14 lbs. | 34 lbs. | 11 lbs. | 31 lbs . |
| $12 \times$ | 14 lbs. | 36 lbs . | 11 lbs. | 33 lb |
| $12 \times$ | 15 lbs. | 42 lbs . | 12 lb | 39 |

Blinds $12 \mathrm{~L} 10 \times 12 \times 13 / 820 \mathrm{lbs}$.
Blinds $12 \mathrm{~L} 10 \times 16 \times 13 / 825 \mathrm{lbs}$.
Blinds $12 \mathrm{~L} 10 \times 18 \times 13 / 828$ lbs
Blinds $12 \mathrm{~L} 10 \times 20 \times 13 / 83 \mathrm{I} \mathrm{lbs}$.
Doors 4 Pan. $3 \times 8 \times 13 / 856 \mathrm{lbs}$.
Doors 4 Pan. $3 \times 7 \times 13 / 848 \mathrm{lbs}$.
Doors 4 Pan. $2.8 \times 6.8 \times 13 / 838 \mathrm{lbs}$.
Doors 4 Pan. $2.6 \times 6.6 \times 13 / 835 \mathrm{lbs}$.
Doors 4 Pan. $2 \times 6-x 7 / 8$ I 8 lbs
Moulded Doors add 5 lbs. per side.
For $13 / 4$ doors add $25 \%$ to $13 / 3$ doors.
Inside Blinds $24 \times 3624$ Ibs.
Moulding $7 / 8 \times 7 / 8$ per 100 ft .15 lbs
Sash Cord per 100 ft .3 lbs .
Weight of a Four-Light Window is practically the same as Two-Light of same length.

SYNOPSIS OF
DOYLE'S LOG RULES.

| Dia | 10 ft . | 12 ft . | 14 ft . | 16 ft . | 18 ft . | 20 ft . |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 10 | 23 | 27 | 32 | 36 | 41 | 46 |
| 11 | 30 | 37 | 43 | 49 | 55 | 61 |
| 12 | 40 | 48 | 56 | 64 | 72 | So |
| 13 | 50 | 61 | 71 | SI | 91 | 101 |
| 14 | 62 | 75 | SS | 100 | 112 | 125 |
| 15 | 75 | 91 | 106 | 121 | 136 | 151 |
| 16 | 90 | 108 | 126 | 144 | 162 | So |
| 17 | 105 | 126 | 144 | 169 | 190 | 1 |
| 18 | 122 | 147 | 17 I | 196 | 220 | +4 |
| 19 | 140 | 169 | 197 | 225 | 253 | 2 O |
| 20 | 160 | 192 | 224 | 256 | 288 | 20 |
| 21 | 180 | 217 | 253 | 289 | 325 | 361 |
| 22 | 202 | 243 | $28_{3}$ | 324 | 364 | 404 |
| 23 | 226 | 271 | 313 | 359 | 406 | 452 |
| 24 | 250 | 300 | 350 | 400 | 450 | 500 |
| 25 | 275 | 331 | 386 | 441 | 496 | 50 |
| 26 | 302 | 363 | 433 | $4^{8} 4$ | 544 | 605 |
| 27 | 330 | 397 | 463 | 530 | 596 | 661 |
| 28 | 360 | 432 | 50.4 | 576 | 6.48 | 20 |
| 29 | 391 | 469 | 547 | 625 | 703 | S2 |
| 30 | 422 | 507 | 591 | 676 | 761 | $\mathrm{S}_{45}$ |
| 31 | 456 | 547 | 638 | 729 | S20 | 12 |
| 32 | 490 | 588 | 686 | ${ }_{7}{ }^{4}$ | $88_{2}$ | 980 |
| 33 | 526 | 631 | 736 | S42 | 946 | 1052 |
| $3+$ | 562 | 675 | 787 | 900 | 1012 | 1125 |
| 35 | 601 | 721 | 841 | 961 | IoSI | 1202 |
| 36 | 640 | 768 | S96 | 1024 | 1152 | 1280 |
| 37 | 68o | $\mathrm{Si}_{17}$ | 953 | 1089 | 1225 | 1361 |
| 38 | 723 | 867 | 1011 | 1156 | 1.300 | $1+46$ |

To obtais.

| LUMBER TABLE. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SIZE. | 10. | 12. | 14. | 16. | 18. | 20. | 22. | 24. |
| $2 \times 4$ | $62 / 3$ | 8 | $91 / 3$ | 102/3 | 12 | $131 / 3$ | $14^{2 / 3}$ | 16 |
| $2 \times 6$ | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 |
| $2 \times 8$ | $131 / 3$ | 16 | 182/3 | $211 / 3$ | 24 | 262/3 | $291 / 3$ | 32 |
| $2 \times 10$ | 162/3 | 20 | $23^{1 / 3}$ | $262 / 3$ | 30 | $331 / 3$ | $362 / 3$ | 40 |
| $2 \times 12$ | 20 | 24 | 28 | 32 | 36 | 40 | 44 | 48 |
| $4 \times 4$ | $131 / 3$ | 16 | 182/3 | $211 / 3$ | 24 | $262 / 3$ | 291/3 | 32 |
| $4 \times 6$ | 20 | 24 | 28 | 32 | 36 | 40 | 44 | 48 |
| $6 \times 6$ | 30 | 36 | 42 | $4^{\text {x }}$ | 54 | 60 | 66 | 72 |
| $6 \times 8$ | 40 | 48 | 56 | 64 | 72 | So | 88 | 96 |
| $8 \times 8$ | $531 / 3$ | 64 | $742 / 3$ | $851 / 3$ | 96 | 1062/3 | $1171 / 3$ | 128 |
| $8 \times 10$ | 662/3 | 80 | 931/3 | 1062/3 | 120 | 1331/3 | $1462 / 3$ | 160 |
| $10 \times 10$ | $831 / 3$ | 100 | $1162 / 3$ | 1 $331 / 3$ | 150 | 1662/3 | $1831 / 3$ | 200 |

Welght Per Foot.
SQUARE AND ROUND IRON.
(Fint mated.)
From W. B. Belkiap \& Co. Calalogue.

| Sise | Stuare | R ment | S |  | mquare | Kound |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1.16 111 | . 013 | 01 | 238 | 1 n | 23.3 | 163 |
| 316 | . 053 | .as | 21 |  | 25.6 | 20.1 |
| 3-16 | . 119 | . 12 | 231 | " | 28.0 | 22.0 |
| 4 | 211 | .165 | 3 | , | 30.4 | 23.9 |
| 5.16 | . 330 | 26 | 3: |  | 33.0 | 26.0 |
| H | -475 | . 38 | $3{ }^{1}$ | , | 35.7 | 28.1 |
| 7-16 | . 6.47 | 51 | $3{ }^{1}$ |  | 3 S .5 | 30.3 |
| 1 | .845 | . 67 | $3^{3} 2$ |  | 414 | 32.5 |
| 9-16 | 1.07 | 84 | 3/8 | . | 445 | 34.9 |
|  | 1.32 | 1.05 | 3) |  | 47.6 | 37.4 |
| 11-16" | 1.60 | 1.25 | 33 \% | " | 50.8 | 399 |
|  | 1.90 | 1.50 | 4 |  | 54.1 | \$2.5 |
| $13.16^{\prime \prime}$ | 223 | 1.75 | $4!5$ |  | 575 | 45.2 |
| if | 253 | 2.03 | $4{ }^{1}$ |  | 61.1 | 48.0 |
| 15-16" | 207 | 233 | 413 |  | 64.7 | 50.9 |
| 1 | $3 \cdot 35$ | 206 | $4{ }^{1} 2$ |  | $6 \$ .5$ | 53.8 |
| 11 | 4.28 | $3 \cdot 36$ | -13 | ** | 72.3 | 56.8 |
| $11 /$ | 528 | 417 | $4{ }^{1}$ |  | 76.3 | 59.9 |
| 1) 1 | 6.39 | 502 | 418 |  | So. 4 | 63.1 |
| $1 \%$ | 7.61 | 597 | 5 | .. | S4.5 | 66.8 |
| 1 16 | 8.93 | 7.01 | 5, ; | $\cdots$ | 88.8 | 69.8 |
| 115 | 10.4 | 8.13 | $5{ }^{1}$ | . | 93.2 | 73.2 |
| 15 | 119 | 934 | $5^{3}$ s |  | 97.7 | 76.: |
|  | 135 | 106 | $5{ }^{1} 2$ |  | 102. | So. 3 |
| $2^{1} \frac{1}{6}$ | 15.3 | 12.0 | $5)$ | . | 107. | S4.0 |
| 215 | 171 | 13.5 | 5 ${ }^{3}$ ? | , | 112. | S7. 5 |
| 2315 | 19.1 | 15.0 | $5{ }^{\circ}$ | . | 117. | 91.7 |
| $21 / 5$ | 21.1 | 16.7 | 6 |  | 122. | 95.6 |

Sizes and Number of Nalls to lb.

| loween !at valle |  |  |  | Slandard wire Valis. |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| size. | Deacription. | Length | $\begin{aligned} & \text { No. of } \\ & \text { naile } \\ & \text { to tb, } \end{aligned}$ | Approximale size. | $\begin{aligned} & \text { no of } \\ & \text { nails } \\ & \text { to it } \end{aligned}$ |
| 2 d | Fine Blued | Inche | 1,000 | In. No. |  |
| 3 d | " . | 136 | S00 | 11516 |  |
| 2 d | Common | 1 | 800 | 116 | 1.150 |
| 3 d | - | $11 / 5$ | 464 | 1115 | 51.8 |
| 4 d | * | 112 | 300 | 1121312 | 357 |
| 5 d | - | 136 | 224 | 1 \% 13 | 274 |
| 6 d | . | 2 | 163 | $2121 / 3$ | 216 |
| 7 d | ${ }^{6}$ | 24 | 120 | $21 / 12$ | 130 |
| 8d | . | 23/3 | 85 | $21 / 311$ | 112 |
| 9 d | ${ }^{4}$ | 216 | 72 | $21 / 11$ | 95 |
| lod | ${ }^{4}$ | 3 | 60 | 3 9\% | 80 |
| 12 d | ${ }^{\prime}$ | $3 ' 5$ | 43 | 3\% 9 | 57 |
| 16 d | ${ }^{4}$ | $3 / 2$ | 36 | $3 \% 8$ | 46 |
| 2011 | - | 4 | 24 | $4 \quad 6!2$ | 31 |
| 30 d | . | 4 4: | 17 | 41/2 5\% | 24 |
| 4 dod | . | 5 | 14. | 5 41/2 | 21 |
| sod | - | 5! | 10 | 51/2 312 | 15 |
| 60d | ${ }^{\circ}$ | 6 | 8 | 6 3 | 12 |

WEIGHT OF METALS.
Estimated Dor squaro foot in pound.

| Thesמeva | Wrosekt <br> If fl $_{\text {and }}$ siteel. | Can Iron and zine | $\begin{aligned} & \text { C- pper } \\ & \text { ind } \\ & \text { firnans. } \end{aligned}$ | Lend. |
| :---: | :---: | :---: | :---: | :---: |
| 1.32 in . | 126 | 1.17 | 1.44 | 184 |
| 1.16." | 2.53 | 23.1 | 2.89 | 369 |
| 'f. | 505 | 4.69 | 578 | 7 ; |
| $3 \cdot 16$. | 710 | 703 | 8.67 | 1107 |
| \% | 10.10 | 938 | 11.56 | 14;6 |
| 5.16. | 12.65 | 1173 | 14.45 | 15.45 |
|  | 1520 | 14.07 | 1734 | 2214 |
| \% 4 | 2025 | 13.77 | 23.12 | 29.53 |
| - | 4050 | 3) 54 | 4624 | 59.06 |

21 gaugie ts neare 1 ln 132 in . 10 gauge is nearest to 1.16 in . It gauge an nearest to is in.

Wolghe Por Foot.
FLAT BAR IRON.
Estimated)
From W. IB. lielknap \& Co, Catalogue.

| Widih. | THICKVFSS. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $8-86$ un |  |  |  | n. | 4 |
| ch. | 21 | 42 | 3 | S 4 | 1.36 | lus |
| 116 | . 24 | 45 | 71 | 95 | 142 | 1 yo |
| $11 /$ | . 26 | 53 | 79 | 105 | 1.55 | 2.11 |
| 13 | 29 | 5 S | 37 | 116 | 1 is | 2.32 |
| 1\% | - $j^{2}$ | 4 | . 25 | 127 | 1 1, | 253 |
| $1) 6$ | -j4 | (6) | 103 | 137 | 200 | 27 |
| 1 | . 37 | 74 | 111 | 143 | 2.21 | 2.95 |
| $13 \%$ | -49 | 89 | 1.19 | 158 | 237 | 310 |
| 2 | -42 | . 4 | 126 | 1 cs | 253 | 337 |
| 215 | . 45 | 90 | 1.34 | 179 | 269 | 358 |
| 2 | 45 | . 05 | 142 | 1 co | 2 Sj | 3 \$0 |
| 216 | 50 | 100 | 150 | 200 | 300 | 400 |
| 215 | 53 | 1.06 | 153 | 211 | 316 | 421 |
| 25 | . 55 | 111 | 166 | 221 | 332 | $4+2$ |
| 2 | 53 | 1. 16 | 1 if | 232 | 3.43 | 4.4 |
| 25 | 61 | 1.21 | 1 \$! | 242 | 3 C 3 | 484 |
| 3 | . 64 | 1.27 | 190 | $=53$ | 3 so | 5.06 |
|  | 69 | 135 | 200 | 2.14 | 4.11 | 54 |
| , | 74 | 143 | 222 | 215 | 443 | 590 |
| 3 | -9 | ' 5 ? | 237 | 310 | 4 is | 6.32 |
| 4 " | S 4 | 163 | 253 | 337 | 55 | 674 |
| 416 | . 90 | 1.80 | 29 | 3 ¢5 | $5: 6$ | 716 |
|  | . 95 | 120 | 2 St | $3: 9$ | 560 | - 58 |
| 4. | 1.00 | 200 | 300 | 40 | 600 | 800 |
|  | 1.05 | 211 | 316 | 421 | 6 :2 | 8.42 |
| 51 | 1.11 | 221 | 332 | 442 | 603 | 88.4 |
| 53 | 1.16 | 2.32 | 3.47 | 403 | 6.05 | 926 |
| $51 /$ | 1.21 | 2.4: | 3.63 | 484 | 720 | 96 K |
| * | 127 | 253 | 3 so | 505 | 7 ¢S | 10.10 |

WIRE GAUGE.



FULL SIZE.

## USEFUL HINTS.

Whitewash for Walis.-Soak 14 pound of glue over night in tepid water. The next day put it into a tin vessel with a quart of water, set the vessel in a kettle of water over a fire, keep it there until it boils, and then stir until the glue is dissolved. Next put from 6 to 8 pounds Paris white into another vessel, add hot water, and stir until it has the appearance of milk or lime. Add the sizing, stir well, and apply in the ordinary way, while still warm. Except on very dark and smoky walls and ceiling, a single coat is sufficient. It is said to be nearly equal in brilliancy to zinc white, and is very highly recommended by those who have used it.
Whitewash for Outside Work. - Take good quick lizie, half a bushel, slack in the usual manner, and add I pound of common salt, $1 / 2$ pound of sulphate of zinc (white vitriol) and I gallon of sweet milk. The salt and the white vitriol should be dissolved before they are added, when the whole should be thoroughly uiixed with sufficient water to give the proper consistency. The sooner the misture is then applied the better.
To Make Paint Without Oil or Lead. -Whiting, 5 pounds; skimmed milk, 2 quarts; fresh slacked lime, 2 ounces. Put the lime into a stone-ware vessel, pour upon it a sufficient quantity of milk to make a mixture resembling cream, the balance of the milk is then to be added, and lastly, the whiting is to be crumbled upon the surface of the flnid, in which it gradually sinks. At this period it must be well stirred in, or ground, as you would other paint, and it is fit for use. There may be added any coloring matter that suits the fancy, to be applied in the same manner as other paints, and in a few hours it will become perfectly dry. Another coat may then be added, and so on, until the work is done. It is said this paint is of great tenacity, bears rubbing with a coarse cloth, has little smell, even when wet, and when dry is inodorous. It also possesses the merit of cheapness.

To Prepare Glue Ready for Use.-To any quantity of glue use common whisky instead of water. Put both together in a bottle, cork it tight and let it stand for three or four days, when it will be fit for use without application of heat. Glue thus prepared it is said will keep for years, and is at all times fit for use, except in very cold weather, when it should he set in warm water before using. To obviate the difficulty of the stopper getting tight by the glue drying in the mouth of the vessel, use a tin vessel with the cover fitting tiglit on the outside, to prevent the escape of the spirit by evaporation. A strong solution of isinglass, made in the same manner, is said to be an excellent cement for leather.

To Restore Furniture or any VarNISHED WOODWORK.-An experienced mechanic is authority for the statement that the best preparation for restoring furniture, especially that somewhat marred or scratched, is a mixture of three parts of linseed oil and one part spirits of turpentine. It not only covers the disfigured surface, but restores the wood to its original color, and leaves a lustre upon the surface. Put on with a woolen cloth and rub with dry woolen.

To Clean Discolored Glass.-Glass that appears smoky may be cleaned by applying diluted nitric acid, when soap, turpentine, alcohol or scouring with whiting would make no impression on it. Water of ammonia is also effective.

## TO PUT ON BYRKETS, SHEATHING AND LATH.



Use square studs at corners in framing building, and begin lathing from the floor and wall up by interlocking joints at corners.

Do not drive up the sheathing lath tight, as you would flooring, but let it come together loose. Drive Sd. nails through each lath, or thick part, at everystud. This makes your building firm in every respect, and will prevent cracking of plastering, unless your foundation settles. Be sure to cross or interlock the corners, as shown above.

Number of Pounds in a Bushel of
Grain, Fruit Vegetables, etc.
Barley ..... LBS.
Beans . ..... 60
Bluegrass seed. ..... 14
Bran . ..... 20
Buckwheat ..... $5^{2}$
Castor Beans. ..... 46
Clover Seed ..... 60
Coal. ..... 72
Corn, Shelled ..... 56
Corn in the ear ..... 70
Corn Meal ..... 50
Dried Apples ..... 24 to 28
Dried Peaches ..... 28 to 33
Flax Seed ..... 56
Hemp Seed. . ..... 44
Hominy ..... 60
Hungarian Grass Seed. ..... 48 to 55
Hair for Plastering . ..... 8
Lime ..... So
Millet Seed. ..... 50
Oats ..... 32 to 34
Onions ..... 57
Potatoes, Irish
50 to 56
50 to 56
Salt, fine
Salt, fine ..... 45
Wheat. ..... 60
Potatoes, Sweet. ..... 55
60
Peas.
56
Rye ..... 50

## 

Taten froman old bunimese card of the Michigan Lumber Co Foumd at Malsern, Ark, in ind

Jears in which panics have and will occur again. Their regular cycles are 16, is and 20 years and repeat 16,18 and 20 .


Years of hard times, low prices, and a good time to buy stocks, corner lots, goods, Jitc., Fitc., and hold the theom reaches the years of good times, then unload. Their cycles are 9. 7 and is and repest 9,7 and 11 . Sure thing. Watch this closely:

## CCloosen Catos.

FOR BUSINESS ADVERTISINO THEIR UNIQUENESS MAKES THEM OE GREAT VALUE.


If ordered in lots of $5(x)$ or more, will allow yon a discount of..- per cent.
Cards neatly printed to order. Type work at 25 cents per soo more than list Price, when but one line is required, as Personal Cards, Fitc. For additional matter add 5 cemts per line extra P. C. GI:RNERT, I.ousisille, Ky.

## Ilnder.




$11{ }^{17}$
HAC.N
$11{ }^{18}$ 325
Half Ko and M. uhting
Hani Kasl
Hanging stile
2?. $2025+10=7$
llariwern Flors
241to 24;
Ilardwond I loor serajers
: 25
IIardwroml Xeyghts $\quad ; 25$
Ileal lilocks ty to :3
Ifearth Sistpa
ith =irtjo
11
$i 21$
Hip Coraices
1571015 m
llitch I'costs 34.321
Horsed
520, 324
Howl Brackef.
II) to 123

1100k stryp
145. 315 ज15

Hot House Bars 22 um, wo
Ice Chesta 245 to 1
Impents
$24510-1$
Indlan Clals
$\begin{array}{ll}\text { Inrinan Clals } & \text { i2n } \\ \text { Inside Blinils } & 1810142910 \leqslant 1,: 5,12 \% \\ \text { Inside Casings } & 25100\end{array}$

$$
127.22610234
$$

Insulating Paper . $\quad$ i2
Intersor jinamh $2261024 \%$
Iuric Caps $55,5^{-}$
Ionic Colursins $\quad 4 ; 1045$
Ironing Boarels $\quad$ i2rn
Jacl:
:207, :22
Jambs
$1 \div, 21,12$
Jamb Laning
Jorsts and -cantlugg W'eights and Meanuren. 2* $3=9$
Kenue -
321
Kitchen Cabinets $\operatorname{F1}, \mathbf{3 2 3}$
Kisthen I'resses 25: to 254
Kinife Trass
723
-26
Krokonole Cliips 326
Krokonole Buards i2!
Ladders
322
Lath 325 i25 i:1
Ianding Vewels - 2017
lattice Thors
142 1 4
fattice l:ates
142 10/
\&attice Strps
Lawn seats
213
l.carled Ant iilass
31) 10 : 14
L.1use . $\quad$ :25. i2h
I.jncal Measurements. 229,329
l.sues l'resses $\quad 25110251$

Liquid Measurements 2.27
Og Meastsements $\quad$ i29
1.nokout.

174 1 17
l. umbler W'elghts aud Measurements ion, ₹24

Mallets
24-
Mante $\quad 226,22 ;, 2^{-1} 81024$
Mantel shelves
Markital t.isht [hoors
211.212
Marcinal 1. ght Sash and Tramsonss. 1;9. 19210105
Measminemis. 324 to 3il
Meilicime Cases . . 25 \%. 254
Meering Ralis
Metal Werglsts
;

pages I to f

|strafok
linnd
$5,6,4,33,34$
Hase
5. $15 \quad 16,24$, is
latton
$7,1131,11$
Ik ad
4.5

Rlimi! slat
Cap
(arjei -irig
Carvel

Caning (1) $11.24,2031, .3$

Cluntr Kail
Corner striy a+11 Read
Corner sifif) at11 Read
Croun n io 14,14, it

Mouldings-(Continued.)
Drip Cap
Eqg and Dart
Electrical
Ennbossed
Glase Bead
Half Round
Hearth Strip

Porch Brackets
Porch Columins
Porcli Column Caps
Porch Posts
Porch Rails
Porch Scroll
Portier Spindles
Portier Work
Post Tops
Pressed Corner Blocks
Pressed Moulding
Pressed Ornaments
Presses
Props.
Pulleys
320
Pulley Stiles
Quarter Round Moulding
Queen Anne Sash
Quilting Frames
Rails
Railing
Railing Balusters
Railing Spindles
Refrigerators
Page
103 to 11 t 90 to 95
. 55
SS to 95
231125.31

101 to 112
76,77 , so to 82,85 to 87
$24+$ to 248
75,84
68 to 73
.35 to 40
$5 S$ to 65
251 to 25 t, 322
325
17,15

Return Beads
195
193 to 195
321
. . . . . . . 7
Reversible Clothes Bars . . . . . . . 320, 324
Ribbed Glass
-. 309
Risers
273
Rolling Pins
326
Roofing Material . . . . . . . . . . . . . . . . . .
Roofing Measurements and Information . . . 328
Rope Moulding
Rosettes . . $51,5 S$ to $61,64,74,75, i_{2}$
Round Moulding . . . . . . . . . . $7, f 1$
Ruberine . . . . . . . . . . . . . 327
Ruberoid Roofing . . . . . . . . . . 327
Rules . . .
320
Rumning Scroll . . . . . . . . . 101, 102
Safety Step Ladders . . . . . . . . . . 322
Salt Boxes . . . . . . . . . . . . . 323
Sand . . . . . . . . . . . 325
Sand Blast Glass . . . . . . . . $310,312,315$
Sash Bars
22, 306
Sash Cord . . . . . . . . . . . . . 325
Sash Doors . . . . . . 207 to 22I, 234 to 236
Sash Pulleys . . . . . . . . . . . 325
Sash Rails . . . . . . . . . . . . 22, 307
Saslı Stiles . . . . . . . . . . . 22, 307
Sash Weights . . . . . . . . . . 325
School Furniture . . . . . . . . . . . 302
Scotia . . . . . . . . . . . . . . 2, 7
Scrapers . . . . . . . . . . . . . . . 325
Screens . . . . . . . 196, 197, 199, 248
Screen Brackets . . . . . . . 197
Screen Doors and Windows . . . . . 196, 197
Screen Slide . . . . . . . . . . 10, 196, 197
Screen Sticks
196, 197
Screen Strips
10, 197
Scroll Balusters . . . . . . . . . . 112
Scroll Brackets
Scroll Ornaments . . . . . . . . 96 to II2
Segment Head Blinds . . . . . . . . 199. 200
Soment Windows
Segulent Transoms . . . . . I77, 190, 191
Shelf Cleats
Shelf Cornices . . . . . . . . . 222, 223
Shelf Edges
Shelving . . . . . . . . . . 31, 222, 223
Slingles . . . . . . . . . ISt, $325,32 \mathrm{~N}$
Shoe
10
10
Sloe Strip
195
Show Sash
Show IVindows . . . . . . . . . . . . . . . . 219 I
Siding . . .
Shutters . . . . . . . IS2. I y 7 tu 200
Side-Boards . . . . . . 227.249 to 254
Sills
14, 21, 307
Skeleton Box I Irames
Sliding Door Mould
Spartral Brackets
Spiadles .rches
Spindle. Irches
Spindle Brackets
Spuares
33. 31

10,3 to 111
76,77 , So to 83,85 to 57
104, 110
sy＝re Mewurements
Muare Turnings
Star Raluster．
stair lira keta
star Clames
Steir Moulding：
stais Dewels
－tart Niestug and troma
sta r Urnaments
stais Rail
Statr Rivers
sta $y$ Tread
star Work
－Lite
stapits
starinemlls
step ladiler
stilts
Stune Memoranda
storts
－top $=$ tripm
store Ihwors
－ore lixtures
store Pron＇s
store $\bar{x}$ reens
Straught Eilge
＝trips
Subsils
Sunshate Pranek
Table leks
Table of Werghts and Measurements
Tacks
Tack and Nill §oxen
Tentina
Tenjon Itals
Theatre Chairs
Threabold－trips
TipN
Top
Towel Ring
Tranmus
Trallwanll flifs
Transomillitiv，
Trivs
Trapeze Skars．
Treash
Tree lhow
Trevtler
Trangles

Trucks
Tuh，Stanuls
Turned ikeal Mouleling
Turned Work
Turning 1kirn
Twisted Moulalagg
lacful Information
Venetaan Mlinds
Venel in Itorer Blizels

Ar．E．
：2h
－6．－4．79．is $25^{4}$ to 2H 2 2 $102=3$
$255 \operatorname{to} 246$
․ ．,$~ 27$ ； 10 27，
$25 \times 10271$
4 to 51．5h $106 ; 20 \%$
2h，2＂\＆to 27\％
2；3
255 to 2\％
34.327
cb
322
322
324
1：． 14
10． 3 ：
$21 \div 10221$
222 to 225
$=19$ to 221
144.244
（3）
11
51．1：41
79
325 to $3.31^{\circ}$
シ27
－2：
：3n
12第
302

4．$-5,>2,4$
$-5.42,41$
$1,-6,1 \% 9,142,1451019.5$
14，i2
ih2，｜4y
：27
32 2t
2ッ3
321
；20）
अ21）
320
322
3251． 324
711095.326

3213
$\$ 1$
32）（0） 3 il
144 tos 2 cos
142
$=$

(




[^0]:    HIP CORNICES.

[^1]:    Width of Mantel $60^{\circ}$ Total Height $84^{-}$
    Tile Ooening $47,-\mathrm{W} .474 \mathrm{H}$.

