



SOUTHERN BEADED

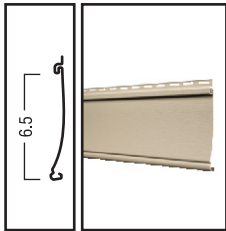
45 SERIES SPECIALTY VINYL SIDING

Premium .045" (heavy wall) 6.5" wide profile with distinctive grooved-beaded detail. Profiles feature a subtle wood grain texture in a low gloss finish.



Subtle woodgrain texture shown in Brownstone

Profiles & Specifications



Southern Beaded

Shown in Hearthstone

Length/Pc :

12'4" / 3.76m

Width/Pc:

6.5" / 16.51cm

Panels/Ctn:

30

Coverage/Ctn:

200 sq. ft. / 18.58 m²

Nom. Thickness:

.045" / 1.14 mm

Windload Data:

195 mph / 313 KM/h

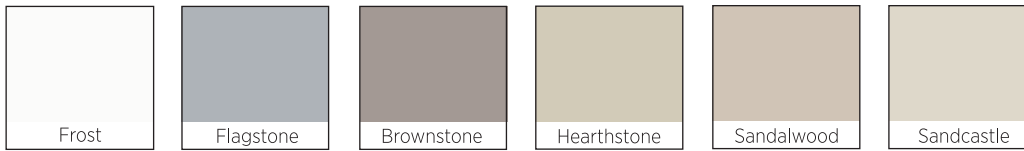
Features

- Perfectly replicates the detail and charm of hand-milled, beaded cedar planks found on Southern Colonial homes
- Subtle wood-grain texture
- Roll-over nail rail
- Wide 6.5" semi-beaded profile
- Premium .045" nominal thickness provides lasting durability
- Low-maintenance
- Limited Lifetime Warranty includes Colour Fade Guarantee

Colours

Southern Beaded siding is available in 6 of our most popular Natural Standard Colours

Natural Standard Colours



Due to the printing process colours may not be exactly as shown. Please refer to actual samples before making final decisions. Inquire with your distributor to confirm colours and products.

All Mitten colours shown are VSI certified

Installation Tips

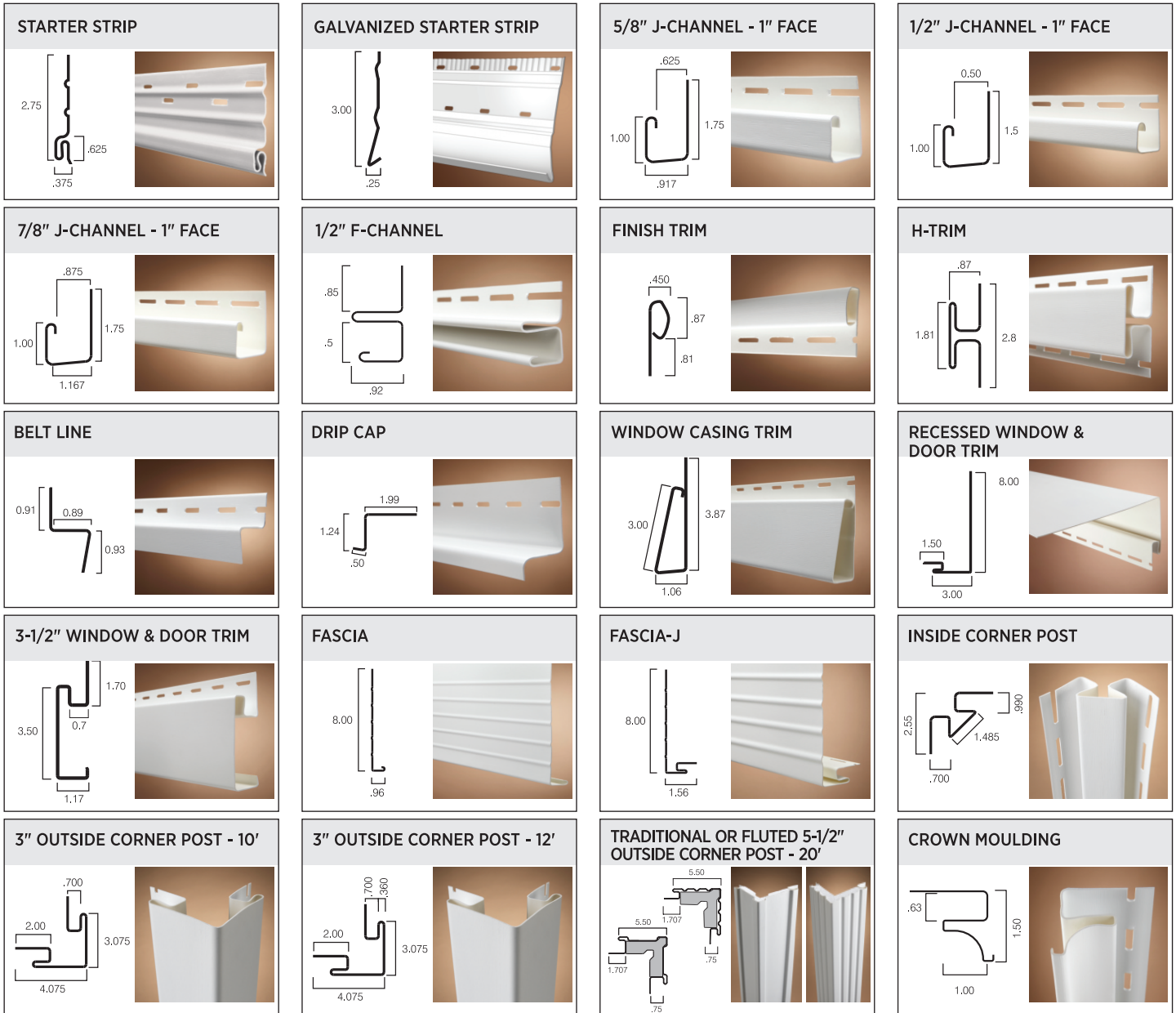
A full installation guide can be found at www.mittensiding.com

Here are some tips to assist in preparing for your siding job.

Before getting started, it is important to review several common rules for vinyl siding application. Vinyl siding, like all building materials, expands and contracts with temperature changes. The amount of expansion and contraction can be as much as $\frac{3}{8}$ of an inch. This expansion and contraction must be accounted for in advance to prevent the siding from buckling which will mar the appearance of your home.

1. Do not store siding in a location where temperatures exceed 130°F or 54°C (i.e. On black top pavement during unusually hot weather or under tarps or plastic wrap without air circulation.)
2. Installed panels must move freely from side to side.
3. When installing a siding panel, push up from the bottom until the lock is fully engaged with the piece below it. Do not force the panels up or down when fastening in position. Stretching the panel upward pulls the natural radius out of the panel and increases the friction of the locks.
4. Always nail in the center of the slot. **WARNING:** Do not nail at the end of a slot! Doing so will cause the siding panel to be permanently damaged. If you must nail near the end of a slot to hit a stud, etc., extend the length of the slot with a nail slot punch tool.
5. Do not drive the head of the nail tightly against the siding nail hem. Allow $\frac{1}{32}$ " (about the thickness of a dime) clearance between the nail head and the siding panel. Drive nails straight and level to prevent distortion and buckling of the panel.
6. Leave a minimum of $\frac{1}{4}$ " clearance at all openings and accessory channel stops to allow for normal expansion and contraction. When installing in temperatures below 40°F, increase minimum clearance to $\frac{3}{8}$ ".

Accessories



Care and Cleaning

General surface cleaning will help to remove surface dirt and keep your siding looking like new. In order to maintain the look of your siding, we recommend the following:

While Mitten vinyl siding is close to being totally maintenance free, it will become dirty just as a freshly painted house, new automobile or any other product which is exposed to atmospheric conditions. Generally, your Mitten vinyl siding can be cleaned satisfactorily through the use of an ordinary garden hose. If this does not do the job, then we suggest the following:

1. Equip a garden hose with a soft bristled, long handle car brush. Avoid using stiff bristle brushes or abrasive cleaners, which may change the gloss of the cleaned area and cause the siding to look splotchy.
2. Where soil is of a stubborn nature, (as frequently found in industrial areas) the following cleaning solution works well: 1/3 cup detergent (Tide as an example) + 2/3 cup trisodium phosphate (Soilax as an example) + 1 gallon of water.

In certain geographic areas where mildew may be a problem, substitute one quart of 5% sodium hydrochloride (Clorox for example) for one quart water in the above formula.

Where the house is extremely dirty, it is recommended that you start washing from the bottom and go to the top, rinsing frequently. Cleaning solutions should be permitted to stand on the surface of the siding for several minutes before rinsing.

Warranty and Certifications

Lifetime Non-Prorated Transferable Limited Warranty

Ply Gem proudly warrants the original purchaser of Mitten siding for as long as the original purchaser is the owner of the property to which our products are applied.

The said products will be free from manufacturing defects. Any and all product failures covered by this warranty as set forth will be remedied AT NO COST TO THE ORIGINAL HOMEOWNER, if the defect is reported in accordance with the terms thereof. If your product contains manufacturing defects covered by this Warranty, Ply Gem will incur the costs (material and labor) to repair or replace the defective part or portion of Mitten Vinyl Siding and Accessories.

The Lifetime non-prorated coverage in this warranty is designed to cover individual homeowners only. In the instance of siding purchased by or installed upon property owned by for example: corporations, governments, condominiums or premises not used by individual homeowners as their residences, the warranty period will be fifty years following the installation of the siding and it will be prorated as indicated herein. For such purchasers or entities to which the prorated coverage applies, the warranty is transferable to a new owner by the original purchaser under the terms and conditions set forth herein, in which event it will cover the period of fifty years following the installation of the siding (prorated as indicated herein).

For full warranty details, please go to <https://www.mittensiding.com/en/warranty>

PRODUCT PHYSICALS			
TEST	STANDARD METHOD	UNITS OF MEASURE	RESULT
IZOD Impact (0°C/32°F)	ASTM D-256	ft/lb/in.	3.53
IZOD Impact (23°C/73°F)	ASTM D-256	ft/lb/in.	33.9
Tensile Strength	ASTM D-638	PSI	8200
Modulus of elasticity	ASTM D-638	PSI	370000
Deflection of temperature under load @ 264 PSI	ASTM D-648	°F	163
Coefficient of linear expansion	ASTM D-696	x10 ⁵ in./in./°F	4.3
Chemical Resistance	ASTM D-543		excellent
Cell classification	ASTM D-1784	class#	13544-B
FIRE RELATED PROPERTIES - PVC			
Flame spread index	ASTM E-84, UBC 42-1		18
Fuel contribution			0
Self ignition temperature, °F	ASTM D-1929, UBC 52-3		810
Smoke density rating (%)			42.1
Maximum smoke density (%)	ASTM D-2843, UBC 52-2		56.0
Visibility of exit sign			Good
Total burn time, seconds	ASTM D-635		<5
Extent of burning, mm			<5
SIDING/EXTRUDATE TYPICAL PHYSICAL PROPERTIES			
Impact Resistance (23°C/73°F)	ASTM D-4226	in-lb	>80
Low Temperature flexibility	CGSB41-GP-24Ma	% pass	>80
Shrinkage/reversion	ASTM D-1042	%	<3.0
Surface Distortion	CGSB41-GP-24Ma ASTM D-3679-02	°F	>131