

Vinyl Carpentry™ Ironmax™ Soffit

Vinyl Soffit and Vertical Siding

General Description: Ironmax™ soffit and vertical siding is appropriate for use in new construction for single family homes, multi-housing projects and light commercial developments. Ironmax is also an ideal product for remodeling. The vented style is intended for eaves installation only. The solid style is appropriate for both vertical sidewall and eaves installation.

Styles:

Profile	Finish	Net Free Air Space Per Sq. Ft.	Panel Projection	Wall Thickness (Nominal)	Lock Design	Colors	Accessory Pocket
Double 5" Solid	Woodgrain	—	5/8"	.046"	Post-formed	25	1/2" or 3/4"
Double 5" Vented	Woodgrain	6.4 Sq. In.	5/8"	.046"	Post-formed	25	1/2" or 3/4"

Colors: Ironmax profiles are available in the industry's widest selection of colors. All colors are Spectrophotometer controlled and utilize exclusive PermaColor™ color science.

Arbor Blend*/**	Frontier Blend*/**	Meadow Blend*	Seagrass	Timber Blend*/**
Arctic Blend*/**	Glacier Blend*	Natural Clay	Silver Ash	Warm Sand
Canyon Blend*	Heritage Cream	Oxford Blue	Snow	Weathered Blend*/**
Colonial White	Herringbone	Sandstone Beige	Sterling Gray	Woodland Mist
Desert Tan	Light Maple	Savannah Wicker	Summer Wheat	

* Deluxe Color: Deluxe colors utilize CertainTeed's exclusive SpectraGrain MVF™ (Multi-Viscosity Fusion) process to provide the unique appearance of semi-transparent and solid stained wood siding.

** Premium Color: Made with an exclusive, highly durable polymer capstock combined with unique heat distortion modifiers that help ensure long-term weatherability in darker hues that would otherwise quickly fail.

Lock: Designed for ease of installation, Ironmax panels feature a post-formed lock popular with installers for its locking assurance and trouble-free handling.

Accessories: CertainTeed manufactures a wide range of siding and soffit accessories which are compatible with Ironmax styles and colors. Accessory products include installation components, soffit, window and door trim, corner lineals, corner systems and decorative moldings.

Composition: Ironmax soffit and vertical siding is produced using CertaVin™ custom-formulated PVC resin. This resin is produced exclusively by CertainTeed, allowing CertainTeed to maintain the high quality of its siding products. CertainTeed's Ironmax soffit is in compliance with the ASTM Specifications for Rigid Polyvinyl Chloride (PVC) siding D 3679 and D 4477.

Technical Data: Ironmax soffit and vertical siding meets the weathering standard in ASTM D 3679 using ASTM D 1435 procedure. As shown in Table 1, Ironmax soffit and siding is in compliance with ASTM Fire and Smoke procedures and meets or exceeds International Building Code requirements.

Table 1

ASTM E 84	Flame Spread Index 20 Fuel Contribution 0 Smoke Development Index 390
ASTM D 1929	Self-ignition temperature 813°F
ASTM D 635	Material is self-extinguishing with no measurable extent of burn when tested in accordance with this specification.
NFPA 268	Radiant Heat Test - Ignition Resistance of Exterior Walls - Conclusion that CertainTeed met the conditions for allowable use as specified in section 1406 of the International Building Code.

Important Fire Safety Information: When rigid vinyl siding is exposed to significant heat or flame, the vinyl will soften, sag, melt or burn, and may thereby expose material underneath. Care must be exercised when selecting underlayment materials because many underlayment materials are made from organic materials that are combustible. You should ascertain the fire properties of underlayment materials prior to installation. All materials should be installed in accordance with local, state and federal Building Code and fire regulations.

Wind Load Testing: CertainTeed D5" Ironmax vertical siding/soffit has been tested per ASTM D 5206 standard test method for resistance to negative wind load pressures of 46 psf, which equates to 180 mph, when installed with nails positioned 12" on center. Check with your local building inspector for wind load requirements in your area on the type of structure you are building.

Documents: CertainTeed Vinyl Siding meets the requirements of one or more of the following specifications.

Texas Department of Insurance Product Evaluation EC-11

New York City Approval MEA #285-93M, 284-93-M

Conforms to ASTM Specification D4477

ICC-ES Evaluation Report ESR-1066

For specific product evaluation/approval information, call 800-233-8990.

Conforms to UBC Standard 14-2

Conforms to ASTM Specification D3679

Florida BCIS Approval FL1573, FL10421

CCMC #13008-L

Installation: Prior to commencing work, verify governing dimensions of building, examine, clean and repair, if necessary, any adjoining work on which the siding is in any way dependent for its proper installation. Sheathing materials must have an acceptable working surface. Siding, soffit and accessories shall be installed in accordance with the latest editions of CertainTeed installation manuals on siding and soffit. Installation manuals are available from CertainTeed and its distributors.

Warranty: CertainTeed supports Ironmax products with a Lifetime Limited Warranty including PermaColor Lifetime Fade Protection to the original homeowner. The warranty is transferable if the home is sold.

Technical Services: CertainTeed maintains an Architectural Services staff to assist building professionals with questions regarding CertainTeed siding products. Call 800-233-8990 for samples and answers to technical or installation questions.

Sample Short Form Specification: Product as shown on drawings or specified herein shall be Ironmax Vinyl Soffit and Vertical Siding as manufactured by CertainTeed Corporation, Valley Forge, PA. The siding shall have a .046" nominal thickness. Installation shall be in accordance with manufacturer's instructions.

Three-part Format Specifications: Long form specifications in three-part format are available from CertainTeed by calling our Architectural Services Staff at 800-233-8990. These specifications are also available on our website at certainteed.com.



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