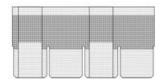


Technical Data Sheet

Belmont® AR IR (Impact Resistant) Shingles

PRODUCT INFORMATION

Belmont[®] AR Impact Resistant (IR) shingles reflect the same high manufacturing standards and superior warranty protection as the rest of CertainTeed's line of roofing products, and they meet UL 2218 Class 4 Impact Resistance at time of manufacture. Belmont AR IR shingles are built on the industry's toughest fiber glass mat base, and have an added durable reinforcement on its underside to achieve the highest (Class 4) impact



resistance. Belmont AR IR shingles are asphalt shingles designed to look like natural slate, composed of a base shingle with multi-positioned tabs on the top, giving an authentic, natural look with true depth and dimension. It is most aesthetically appealing when used on slopes of 9" per foot or greater. When applied with underlayment, Belmont AR IR produces at least two layers of roof protection and the quality is reminiscent of handcrafted workmanship. It is designed to resist blow off in high wind conditions utilizing two rows of technologically advanced sealant on the back-side of the shingle. Belmont AR IR has a wind resistance up to 110-mph with normal installation and 130-mph with special installation.

Belmont IR shingles are algae-resistant (AR) and help protect against dark or black discoloration, sometimes called staining or streaking, caused by blue-green algae (gloeocapsa magma).

Colors: Please refer to the product brochure or CertainTeed website for the colors available in your region.

Limitations: Use on roofs with slopes 2" per foot or greater. However, slopes greater than 9" per foot best show the product design. Low slope applications (2:12 to < 4:12) require additional underlayment. In areas where icing along the eaves can cause the back-up of water, apply CertainTeed Grace Vycor™ Waterproofing Shingle Underlayment, or its equivalent, according to application instructions provided with the product and on the shingle package.

On slopes greater than 21" per foot, apply eight spots of roofing cement under the shingle and one additional fastener in each laminated tab according to application instructions provided on the shingle package.

Product Composition: Belmont IR shingles are composed of a fiber glass mat base. Ceramic-coated mineral granules are tightly embedded in carefully refined, water-resistant asphalt. The laminated tabs are firmly adhered in a special tough asphaltic cement. These fiber glass based shingles have self-sealing adhesive applied.

Applicable Standards:

ASTM D3018 Type I ASTM D3462 ASTM E108 Class A Fire Resistance ASTM D3161 Class F Wind Resistance ASTM D7158 Class H Wind Resistance UL 790 Class A Fire Resistance CSA Standard A123.5 ICC-ES ESR-1389 and ESR-3537 Florida Product Approval # FL5444 Meets TDI Requirements UL 2218 Class 4 Impact Resistance (at time of manufacture)

TECHNICAL DATA

Weight/Square (approx.): 275 lb. Dimensions (overall): 18" x 36"

4 bundles of 12 shingles: 48 shingles cover 96 sq. ft.

Shingles/100 sq. ft.: 50 (4.167 bundles)

Weather Exposure:

Belmont® AR IR (Impact Resistant) Shingles

INSTALLATION

Detailed installation instructions are supplied on each bundle of Belmont shingles and must be followed. Separate application sheets may also be obtained from CertainTeed.

Hips and Ridges: Use Cedar Crest® AR IR accessory shingles of a like color for capping hips and ridges.

MAINTENANCE

Belmont AR IR shingles require virtually no maintenance when installed according to manufacturer's application instructions. However, to protect the investment, any roof should be routinely inspected at least once a year. Older roofs should be looked at more frequently.

WARRANTY

Belmont AR IR carries a lifetime limited transferable warranty against manufacturing defects to the original homeowner when applied to stated CertainTeed application instructions for this product. In addition, Belmont AR IR shingles also carry up to 10-year SureStart™ Protection. Belmont AR IR shingles carry a 30-year algae resistance warranty when installed with the CertainTeed Hip & Ridge accessories mentioned above. For specific warranty details and limitations, refer to the warranty itself (available from the local supplier, roofing contractor or on-line at www.certainteed.com).

TECHNICAL SUPPORT

Technical Service Department: 800-345-1145

e-mail: RPGTS@saint-gobain.com

FOR MORE INFORMATION

Customer Experience Team: 800-233-8990

e-mail: gethelp@saint-gobain.com Web site: <u>www.certainteed.com</u>

