

RIDGETM SEAL

Self-Adhering Hip & Ridge Tape

MFM Building Products Corp. manufactures a wide range of innovative waterproofing products for the building industry. Proven through many years of use in the field, MFM products are engineered for superior performance and ease of installation.

PRODUCT

RidgeSealTM is yet another waterproofing innovation from the makers of Peel & SealTM. Available in two versions, RidgeSeal and RidgeSeal-Plus, are both the roofer's choice for sealing under tile. Apply RidgeSeal at hips and ridges of clay and concrete tile roofs to prevent damage from blowing rain.

SURFACE

RidgeSeal has a gray polymer surface which is durable, puncture resistant, extremely pliable, and resistant to ultraviolet exposure. RidgeSeal-Plus has an extremely durable and UV-resistant black aluminum outer surface.

DESCRIPTION

RidgeSeal is a self-adhering waterproof membrane which is easy to apply to irregular surfaces. The top layer is a

tough, UV-resistant, waterproof polymer film (aluminum film for RidgeSeal-Plus) which is laminated to a layer of modified asphalt adhesive. The adhesive material adheres to the roof surface and seals around nails protecting against costly water damage. A high-quality release paper is used to protect the adhesive surface and is removed when RidgeSeal is installed.

APPLICATION

- 1) Apply RidgeSeal at ambient temperatures above 50° F.
- 2) The surface to which RidgeSeal is to be adhered must be clean, smooth, and dry. Use a wire brush and asphalt-based primer or MFM Spray Adhesive as necessary to obtain the proper surface conditions.
- 3) Carefully unroll RidgeSeal, removing paper and pressing material into place as you go. For best adhesion, roll the entire RidgeSeal surface with a hand roller, focusing particular attention on the seams and edges!
- 4) Repeat with next section allowing 6 inch laps at the ends and 3 inch laps at

the sides. If using multiple sections, install shingle style to prevent leaks.

- 5) RidgeSeal should be covered by roofing tiles or shingles as soon as possible, but may be left exposed for up to 180 days. RidgeSeal-Plus may be left exposed indefinitely.

CAUTION

- RidgeSeal can be very slick! Avoid standing, kneeling or walking on the surface because of the danger of falling.
- The adhesive in RidgeSeal is not compatible with EPDM rubber. Never apply RidgeSeal over an EPDM rubber surface.
- RidgeSeal's adhesive properties may be damaged by sun exposure. Remove RidgeSeal from the carton only as needed for installation.
- Store RidgeSeal in its original carton in a cool, dry environment.
- See installation detail on reverse.

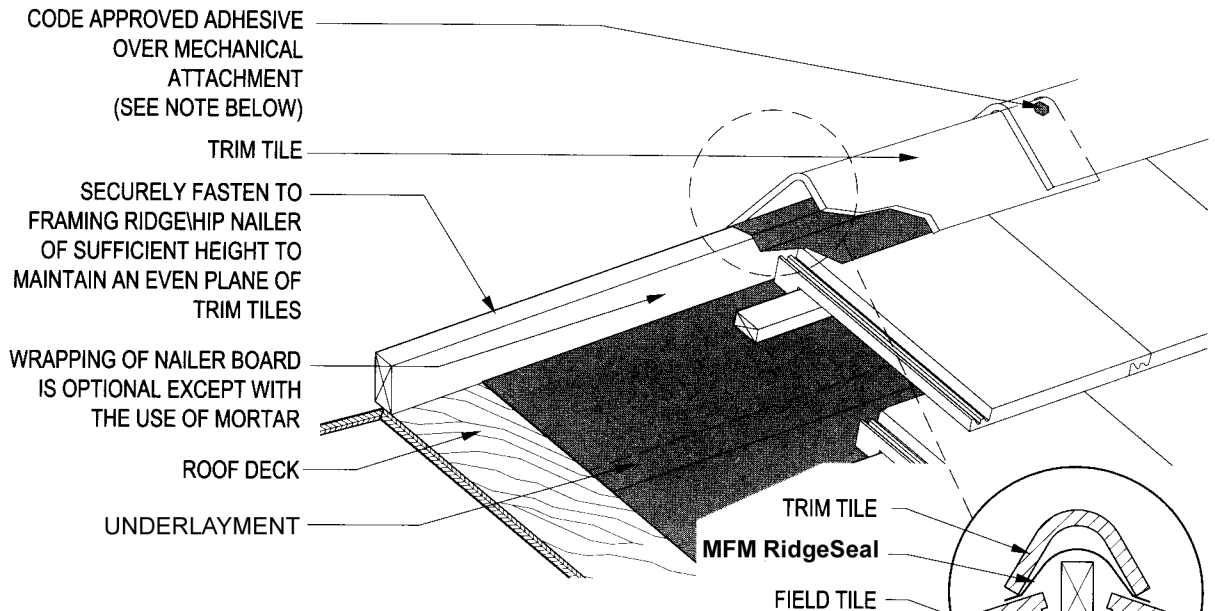
TECHNICAL DATA

<u>PROPERTY</u>	<u>Test Method</u>	<u>RidgeSeal</u>	<u>RidgeSeal-Plus</u>
Thickness	ASTM D 5147	35 mils min.	35 mils min.
Tensile – UV Aged	ASTM D 1970	4.3 lbf	23.6 lbf
Peel Adhesion - Tile	ASTM C 794	>10.5 lbf/in	>10.7 lbf/in
Pliability @ -35° C	ASTM D 1970	No effect	No effect
Nail Sealability	ASTM D 1970	Pass	Pass

Tested to ICC-ES AC148

	<u>RidgeSeal</u>	<u>RidgeSeal-Plus</u>
Application Range	Above 50° F	Above 50° F
Exposure Rating	180 days	Indefinite
Color – surface	Dark Gray	Black
Roll Length	50 ft	50 ft
Roll Widths	9", 12"	9", 12"
Rolls/Carton	9" - 4, 12" - 3	9" - 4, 12" - 3
Area/Carton	150 ft ²	150 ft ²

Installation Detail for MFM RidgeSeal™



Openings at hips, ridges and head walls including chimneys, skylights, solar panels, and downslope horizontal abutments shall be fitted with weather blocking material to keep water on the surface of the field tile. Other methods approved by local building official will be allowed. See Technical Bulletin at www.rooftile.org

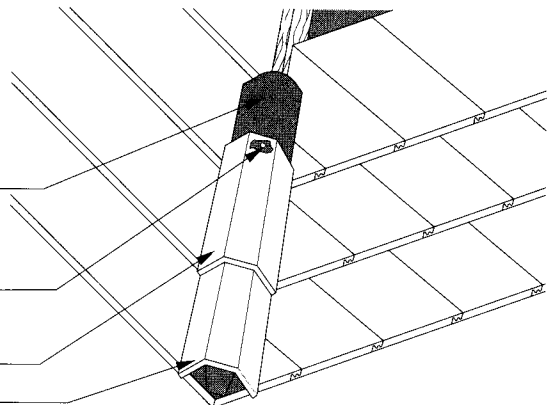
Wrapping of nailer board is optional except with the use of mortar.

Notes:

1. One layer of No. 30 asphalt-saturated felt complying with ASTM D-226 (ASTM D4869 Type IV) or approved equal as a minimum underlayment on all tile roof applications. Other underlayments as approved by local building officials will be allowed.
2. All hip and ridge tile are required to have a code approved adhesive between laps of trim tile.
3. For tile fastening schedule(s) see Fastening Table 1A and 1B.
4. Battens for tiles with protruding anchor lugs are optional for slopes between 3:12 and 7:12. Direct deck attachment of tile as approved by local building official is allowed.
5. Roofer's mastic or tile adhesive must be applied at hip and ridge trim headlap to cover nail hole and create a bond between ridge tiles.

Field tiles shall be cut to within an average of 1/2" of nailer board.
Nail each trim with a corrosion-resistant fastener of sufficient length to penetrate nailer board a minimum 3/4".
Cut tiles without nail holes may be drilled, notched and nailed or affixed with tile adhesive, wire and/or cut tile clips.

- HIPS TO BE SEALED WITH METAL MORTAR, MASTIC OR, **MFM RIDGE SEAL** WHERE TILE MEETS HIP BOARD
- ROOFERS MASTIC OR TILE ADHESIVE MUST BE APPLIED AT HEADLAP TO COVER NAIL HOLE
- PROVIDE MINIMUM 2" HEADLAP
- HOLD BACK HIP NAILER 6" FROM EAVE EDGE



Drawing shown depicts the application of a generic roof tile installation. Unless otherwise noted it would apply to either concrete or clay tiles.