

NovaPatch™ Fiber Reinforced Mastic (MXF)

Specification Data



DESCRIPTION

NovaPatch Fiber Reinforced Mastic is an exceptionally versatile, tough yet flexible fibered mastic and roof sealer designed for use on a variety of membranes and coated roofs. The product is trowel-applied, and is designed to allow high build application on vertical or flat surfaces (up to ½"). NovaPatch Fiber Reinforced Mastic cures quickly and provides immediate waterproofing for short-term, long-term, and emergency repairs.

APPLICATIONS

Typical uses include: rough areas of SPF, drain bowls, and under and around rooftop-mounted equipment. It is also an excellent repair material for direct-to-metal repairs, spray polyurethane foam, smooth built-up, smooth modified bitumen, granulated modified bitumen, aged single ply roof membrane, flashings, fasteners and drains.

STANDARDS

Meets or exceeds the requirements of California Proposition 65. 50-state VOC Compliant. REACH Compliant.

INSTALLATION

Surface must be clean and free of all dust, rust, residues, foreign matter, moisture, and all contaminants (chalk, grease, wax, etc.) that may cause loss of adhesion. As with all single component materials, work life and cure time of NovaPatch Fiber Reinforced Mastic are dependent upon environmental conditions such as temperature, humidity, and application thickness. Adhesion should be checked on small samples prior to full-scale production.

AVAILABILITY

NovaPatch is available in 1 gallon pails.

STORAGE

NovaPatch has a shelf life of eighteen (18) months from the date of manufacture, as indicated by the lot number, when stored in the original, unopened container at 40°F to 75°F. Freeze-thaw stable.

PRECAUTIONS

Consult and obey all applicable local, state, and federal regulations. For additional information consult product SDS.

Do not use in or around highly oxidative chemicals such as liquid oxygen, chlorine or peroxides.

PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range
Appearance		Paste, Various Colors
Skin Over Time	3/8" @ 50% RH & 77°F	5 – 15 minutes
Through Cure	1/8" @ 50% RH & 77°F	Up to 48 hours

TYPICAL PROPERTIES*

Physical Property	Test Method	Typical Value
Specific Gravity		1.25 – 1.55
Tensile Strength	ASTM D412	100 – 140 psi
Elongation	ASTM D412	80 – 95%
Shore Hardness	ASTM D 2240	20 minimum
Tear Resistance	ASTM D624	30 – 35 pli
Adhesion Metal SPF	ASTM D 903	10 – 14 pli 10 – 14 pli

*The values outlined reflect testing that was conducted under laboratory conditions, actual results may vary. The information provided in the above table is not intended for use in preparing specifications. Please consult manufacturer for additional information.

ADDITIONAL INFORMATION

Novagard believes that the information provided is a true and accurate description of the typical characteristics of the aforementioned product, however, it is the responsibility of the individual user to thoroughly test the product in their specific application to determine performance, efficacy, and safety.

LIMITATIONS

Not recommended for: Joints continuously submerged under water or where abrasion and physical abuse are encountered.