



THERMOTEK PRO ROOFING MESH 7.5" X 32.8'



DESCRIPTION

THERMOTEK PRO ROOFING MESH is manufactured with 100% polyester fibers bonded with high quality acrylic resins for the purpose of reinforcing seams, joints and other critical points on a roof. For use with acrylic and silicone mastics and roof coatings, this professional grade flexible mesh can be used over regular and irregular surfaces while maintaining high elongation and strength properties.

PROPERTIES:

Physical Property	Test Method (ASTM)	Value
Appearance	Internal	Mesh
Type	Internal	Polyester Fabric
Color	Internal	White
Thickness Mils	ASTM D-1777	26
Weight gr/m2	ASTM D-1910	35 (1.5 oz/yd2)
Wide	Internal	7.5"
Long	Internal	32.8'
Longitudinal Tension	ASTM D-15036	10.5 kgF (102.97 newtons)
Transverse Tension	ASTM D-15036	4.81 kgF (47.17 newtons)

BENEFITS

- Helps prevent system ruptures due to roof movement
- Easy application
- Prevents the formation of wrinkles in the application
- Compatible with acrylic, silicone and asphalt coatings

SUBSTRATES

Consult the Technical Data Guide of the material being used with the THERMOTEK PRO ROOFING MESH for a list of compatible substrates.

APPLICATION TOOLS

Scissors and/or work knife

SURFACE PREPARATION

ALL ROOFS: If some areas hold excessive ponding water, they must be brought into conformance by installing proper drains. Roof surface must be clean, dry and free of any oil, grease, dirt and any other contaminants that could interfere with the proper adhesion to the substrate (pressure washing is recommended). If the roof contains grease spills, use mineral spirits and mop thoroughly. Any loose coating must be removed.

Ensure the substrate is structurally sound, fully cured and dry. Perform adhesion test(s) (also known as Pull Test(s)) on the substrate. Pull Test(s): Apply a generous coat of THERMOTEK PRO ROOF COATING on the surface with a brush, a minimum of 6" (15 cm) long and 3" (7.5 cm) wide. Immediately embed a minimum of 1"-2" (2.5 cm - 5 cm) wide strip of THERMOTEK PRO ROOFING MESH while leaving at least 3" of the length of the mesh uncoated. Apply a second coat on top of the embedded strip section. Allow 48 hours to dry before trying the pull test. Pull the uncoated end of the mesh straight up. If the pull test exhibits good adhesion, continue with the application. If the test shows poor adhesion, redo the preparation and check that the correct system is being used.

METAL ROOFS: All rusted areas shall be mechanically abraded and corroded/deteriorated metal shall be replaced. A rust inhibitor should be used before applying THERMOTEK PRO PRIMER.

MODIFIED BITUMEN / ASPHALT BUILT UP ROOFS: Remove all the loose granules/sand with a brush and dispose of the waste (vacuum is an option for waste removal). To avoid yellowing of the top coat, use a yellowing inhibitor over the entire roof surface before applying the THERMOTEK PRO ACRYLIC PRIMER. New asphalt shall be exposed to ambient conditions for 90 to 120 days before coating.

APPLICATION STEPS

Visit www.thermotekpro.com for short instructional videos

1) PREP

- Complete proper surface preparation.
- Prime substrate with THERMOTEK PRO ACRYLIC PRIMER (consult THERMOTEK PRO ACRYLIC PRIMER Technical Data Guide for complete instructions).

2) PATCH

Address all roof details and critical points by sealing them with THERMOTEK PRO MASTIC, THERMOTEK PRO ROOFING MESH and THERMOTEK PRO ROOF COATING.

CRACKS AND SEAMS: Apply a layer of THERMOTEK PRO MASTIC using a brush or spatula to cover all the areas that need reinforcement. Then apply a layer of THERMOTEK PRO COATING and embed an appropriately sized piece of THERMOTEK PRO ROOFING MESH on top. Next, apply a layer of coating, fully saturating the mesh, feathering the coating at least 2"-3"



THERMOTEK PRO ROOFING MESH 7.5" X 32.8'



(5 cm to 7.5 cm) past the edge of the mesh while eliminating air pockets and gaps. The properly prepared crack or seam can now receive a final layer of roof coating. This process applies for cracks smaller than 3/8". For cracks bigger than 3/8" you need to repair the crack with backer rod and an appropriate sealant.

OTHER EXTERNAL ACCESSORIES: Remove the accessory from the roof surface. Apply THERMOTEK PRO MASTIC to the bottom of the accessory using a brush or spatula. Replace/refasten the accessory onto roof surface. Apply a layer of THERMOTEK PRO MASTIC onto the top edges of the accessory. Then apply a layer of THERMOTEK PRO ROOF COATING and embed an appropriately sized piece of THERMOTEK PRO ROOFING MESH on top. Next, apply a layer of roof coating, fully saturating the mesh, feathering the coating at least 2"-3" (5 cm to 7.5 cm) past the edge of the mesh while eliminating air pockets and gaps. The properly prepared accessory can now receive a final layer of roof coating to complete the patch.

PACKAGING

7.5" x 32.8' ROLL (part of THERMOTEK PRO EASY AS 1-2-3 KIT)

STORAGE

Store this product in a cool and dry area, protected from the elements.

SHELF LIFE

Shelf life is 2 years.

FOR BEST PERFORMANCE

Do not apply at temperatures below 50 °F (10 °C) or if rain is expected within 4 hours of application. Do not apply on a moist substrate. Use a yellowing inhibitor over asphaltic systems before applying the THERMOTEK PRO ACRYLIC PRIMER to avoid yellowing.

COMPLIANCES / CERTIFICATIONS

- NATIONAL ROOFING CONTRACTORS ASSOCIATION (MEMBER)



LIMITED WARRANTY: Master Builders Solutions US warrants this product to be free from manufacturing defects and to meet the technical properties on the current Technical Data Guide available at www.themotekpro.com for a period of 2 YEARS if used as directed and within the stated shelf life. Satisfactory results depend not only on quality products but also upon many factors beyond our control. Master Builders Solutions US MAKES NO OTHER WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO ITS PRODUCTS. The sole and exclusive remedy of Purchaser for any claim concerning this product, including but not limited to, claims alleging breach of warranty, negligence, strict liability or otherwise, is the replacement of product or refund of the purchase price, in the areas proven to have a product defect, at the sole option of Master Builders Solution US. Any claims concerning this product must be received in writing within two (2) years from the date of purchase and any claims not presented within that period are waived by Purchaser. Master Builders Solutions US WILL NOT BE RESPONSIBLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDING LOST PROFITS) OR PUNITIVE DAMAGES OF ANY KIND. The original proof of purchase must be provided.

Purchaser must determine the suitability of the products for the intended use and assumes all risks and liabilities in connection therewith. This information and all further technical advice are based on Master Builders Solutions US present knowledge and experience. However, Master Builders Solutions US assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights, nor shall any legal relationship be created by or arise from the provision of such information and advice. Master Builders Solutions US reserves the right to make any changes according to technological progress or further developments. The Purchaser of the product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with a full application of the product(s). Performance of the product described herein should be verified by testing and carried out by qualified experts.

 WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov