



Basic Uses & Description:

KoolFlex 460 Premium Mastic is a high solids, moisture cure 100% silicone mastic that is a tough flexible and extremely versatile compound. It is intended for use in sealing and repairing roofs, flashings, walls, masonry and metal roof seams & fasteners. It is designed for trowel or brush application on vertical or horizontal surfaces and allows a high build up (up to 1/4").

It has excellent adhesion to concrete, masonry, vinyl, fiber cement, polyurethane foam, EPDM, aged acrylic coatings, granular cap sheet, wood, metals, Kynar® and most other common building materials. IT may be applied to wet and underwater surfaces.

*Primer may be needed.

Application:

DO NOT MIX. DO NOT THIN.

SURFACE PREP:

Use a power washer and wire brush to thoroughly clean surface and ensure it is free from dirt, grease, oil, mold, algae, loose granules, loose paint, rust, excess chalk, and other foreign matter which could affect adhesion. Apply only at temperatures above 40°F and rising with less than 90% humidity and no threat of rain for 48 hours. Surface temperatures should be under 100°F to avoid premature curing. If the roof surface is hot, apply a light water spray to reduce its temperature. Note: EPDM roofs may require aggressive power washing and may need to be cleaned twice to remove all surface contamination. Rinse thoroughly and allow to dry.

APPLICATION:

Use a trowel, brush, or putty knife to-apply 1/8" to 1/4" thick layer to repair cracks, breaks, tears, and holes. Product can be applied over old, cured, silicone coatings and sealants. When applying over cracks and breaks, spread the material 2-4" beyond to feather the edges. Check for voids left in patch areas and apply more sealant where necessary prior to coating. Can be applied in temperatures ranging from: 35 °F to 120 °F.

Most top coats can be applied as soon as KoolFlex Mastic is thoroughly set. Product is tack free in 1-3 hours and fully cured in 24 hours. Site conditions can affect cure time (weather, humidity, temperature can slow down cure time).

Application Rate:

1/16th | 24 sq/ft

1/8th | 12 sq/ft

TEST PROPERTY	TEST VALUE
Solids by Volume	53%
Solids by Weight	60%
Weight per Gallon	11.8 lbs
Tensile Strength	300 psi
Tear Resistance	82 lbs/in
Elongation	250%, Nominal
Hardness (Shore A)	70
Cure Time	24-48 hrs (77°F & 50% humidity)
VOC	50 g/L
Packaging	Tote, Drum, 5 & 1 gallon
Application Temp	50°F - 100°F
Service Temp (Cured Film)	15°F - 180°F

Handling & Storage:

Clean hands with waterless hand cleaner. Equipment may be cleaned before sealant cures with mineral spirits. to keep latent moisture from prematurely starting the curing process. After opening the container, try to use it up as soon as possible. Keep containers covered and sealed at all times during use, when practical. Material left exposed to the atmosphere may form a skin on the surface. If this occurs, simply remove the skin and use the rest.

Unopened, two years from date of manufacture. Store in a dry place between 60-90 °F. Protect from freezing in shipment and storage.

Safety:

Causes skin irritation. Causes serious eye irritation. Before handling, read the Safety Data Sheet for protective equipment and additional safety, health, and environmental information.

Please refer Safety Data Sheet for complete safety and regulatory information. Request Safety Data Sheet: info@koolcoatsusa.com

FOR PROFESSIONAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.





Packaging Sizes:

KoolFlex Premium Mastic is available in 5 gallon containers.

Maintenance:

The life of the roof may be extended by regularly scheduled maintenance. A roof should typically be inspected at least twice a year. The roof immediately needs to be inspected following severe weather and extraordinary maintenance on roof-mounted equipment.

Restrictions & Cure Time:

Not recommended for application at temperatures below 35 °F (2 °C) or if rain is expected in less than 1 hour of application. This product is not recommended for interior use. Installers should read and understand all technical and informational literature on this product, prior to use of the product.

The coating can dry in 12-18 hours depending on variables such as temperature and humidity. A subsequent coat should be applied as soon as the previous one can safely be walked on.

Limited Warranty Information:

Kool Coats offers a 10-20 year Material Warranty. A 10-20 Year Labor and Material Warranty is available for a fee. For warranty details contact your Kool Coats representative.

WARRANTY DISCLAIMER:

This product is warranted solely to the original purchaser. This warranty is non-transferable and shall not apply to any subsequent resale or transfer of the product. To obtain warranty service, the original purchaser must provide valid proof of purchase. Kool Coats makes no warranties, expressed or implied, beyond those stated herein and reserves the right to modify these terms at any time without notice.

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