

Planiseal Mastic

Rubberized-Asphalt Detailing Mastic



DESCRIPTION

Planiseal® Mastic is a solvent-based, rubberized-asphalt mastic that provides excellent adhesion to *Planiseal* Membrane SA waterproofing sheet membrane as well as to structural concrete, masonry and wood surfaces. *Planiseal* Mastic is for use as a secondary seal on the seams, T-joints, laps, penetrations, terminations and other detailing areas of *Planiseal* Membrane SA. *Planiseal* Mastic is designed for use only on the top surface and edges of *Planiseal* Membrane SA.

FEATURES AND BENEFITS

- Available in a pail
- Premixed and easy to apply with trowel
- Excellent adhesion
- Wide temperature range for application, from 25°F to 120°F (-4°C to 49°C)

WHERE TO USE

- Used for detailing *Planiseal* Membrane SA
- Around penetrations
- At membrane terminations
- Over membrane laps
- Around drains
- At wall/footing transitions
- Membrane repair patches
- Any additional detailing areas

LIMITATIONS

- *Planiseal Mastic* should not be used underneath *Planiseal Membrane SA*, because the mastic is incompatible with the rubberized-asphalt side of the membrane.
- *Planiseal Mastic* should not be installed over ponding or standing water, snow or ice.
- Not for use as a stand-alone waterproofing system
- *Planiseal Mastic* is not an expansion joint sealant.
- *Planiseal Mastic* should not be left exposed to ultraviolet light.
- Not to be installed over or under polystyrene insulation

SURFACE PREPARATION

- All surfaces to receive *Planiseal Mastic* should be dry and free of dirt, dust, grease, rust, oil, curing agents and other contaminants.

PRODUCT APPLICATION

- Apply *Planiseal Mastic* immediately after the installation of the waterproofing membrane. If the mastic is exposed to heavy or prolonged rain, re-application may be required.
- Apply *Planiseal Mastic* using a mason's or margin trowel with rounded corners.

Membrane Laps

1. *Planiseal Mastic* can be used to detail membrane laps of *Planiseal Membrane SA* in horizontal and vertical applications.
2. Trowel a bead at least 1/8" (3 mm) thick and 2" (5 cm) wide, centered on the edge of the lap.

Penetrations

1. After *Planiseal Membrane SA* is installed, trowel a bead of *Planiseal Mastic* at least 1/8" (3 mm) thick and 2" (5 cm) wide, centered on the membrane edge.

Terminations

1. After *Planiseal Membrane SA* is installed, trowel a bead of *Planiseal Mastic* at least 1/8" (3 mm) thick and 2" (5 cm) wide, centered on the membrane termination edge.
2. If a termination bar is used, trowel a bead of *Planiseal Mastic* at least 1/8" (3 mm) thick and 3" (7.5 cm) wide, centered on and completely covering the termination bar and termination edge of the membrane.

Wall/Footing Transitions

1. After *Planiseal Membrane SA* is installed, trowel a bead of *Planiseal Mastic* at least 1/8" (3 mm) thick and 2" (5 cm) wide, centered on the edge of the lap.
2. Extend *Planiseal Mastic* at wall/footing transitions for 12" (30 cm) in each direction from the corner.

STORAGE

- Do not store *Planiseal Mastic* in direct sunlight or at temperatures exceeding 95°F (35°C). Improper storage could lead to product deterioration, making proper installation of *Planiseal Mastic* difficult or impossible.

Product Performance Properties

Laboratory Tests	Results
Weight per 1 U.S. gal. (3.79 L) – ASTM D2939	9 to 9.5 lbs. (4.08 to 4.31 kg)
Cone penetration – ASTM D312	245 to 330 dmm
Flash point (PMCC)	> 105°F (41°C)
VOCs	< 300 g per L
Pliability at 32°F (0°C) – ASTM D6511	Pass
Sag at 140°F (60°C) – ASTM E6511	Pass
Solids weight – ASTM D1644	> 70%

Shelf Life and Application Properties

Shelf life	2 years when stored in original, unopened packaging at 73°F (23°C)
Application temperature range	25°F to 120°F (-4°C to 49°C)

Approximate Coverage*

For troweling 1/8" (3 mm) thick x 1" (2.5 cm) wide	200 lineal feet per U.S. gal. (61.0 m per 3.79 L)
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*Coverage shown is for estimating purposes only. Actual coverage will vary according to substrate profile.

Packaging

Size
Pail: 4.75 U.S. gals. (18.0 L)

ADDITIONAL INFORMATION

Refer to the SDS for specific data related to health and safety as well as product handling.

For information on MAPEI's commitment to sustainability and transparency, as well as how MAPEI products may contribute to green building standards and certification systems, contact sustainability_USA@mapei.com (USA) or sustainability-durabilite@mapei.com (Canada).

LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement nor replace requirements per the TDS in effect at the time of the MAPEI product installation. For the most up-to-date TDS and warranty information, please visit our website at www.mapei.com. **ANY ALTERATIONS TO THE WORDING OR REQUIREMENTS CONTAINED IN OR DERIVED FROM THIS TDS SHALL VOID ALL RELATED MAPEI WARRANTIES.**

Before using, the user must determine the suitability of our products for the intended use, and the user alone assumes all risks and liability. **ANY CLAIM SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING TO US WITHIN FIFTEEN (15) DAYS FROM DATE IT WAS, OR REASONABLY SHOULD HAVE BEEN, DISCOVERED.**

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For the most current product data and BEST-BACKEDSM warranty information,
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