



SOPRASOLAR ADHESIVE

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Order No. 30122

***NOTE: This product is NOT used for vertical applications.**

DESCRIPTION & USE

Soprema Soprasolar Adhesive is a single component solar panel adhesive formulated as a bituminous cold process adhesive used to fully adhere solar panels. Soprasolar Adhesive is flexible, durable and possesses elastomeric properties that complement the physical properties of solar panel backings. Soprasolar Adhesive is applied at full coverage using a brush or roller. The Soprasolar Adhesive may be used for adhering Soprema PV panels to new and existing bitumen and BUR roof assemblies. On Soprastar membranes, the surfacing requires special preparation.

See published Specifications, Installation Instructions and Approved Details.

The classification for this product is Bituminous and Mastic which has a VOC U.S. EPA requirement of below 500. Soprasolar Adhesive is rated at 376.

PACKAGING & COVERAGE RATES

Soprema Soprasolar Adhesive is packaged in five (5) gallon (18.9 L) pails which are packaged by weight, not volume. Apply Soprasolar Adhesive at a rate of forty (40) wet mils (2 gals. /112 ft²) onto the horizontal substrate. Allow the Soprasolar Adhesive to flash-off for approximately 15 to 30 minutes. Immediately center and embed the solar panel into the wet Soprasolar Adhesive. Be sure that a 1/4-inch bleed exists around the entire perimeter of the panel.

GENERAL APPLICATION INFORMATION

All work surfaces should be clean, dry, free of dirt, dust, debris, oils, and other contaminants that may result in surface that is unsound or uneven.

- Precautions - Keep all pails and jugs in their original, unopened containers until ready for use. Do not apply in wet weather or when rain is imminent or when the Soprasolar Adhesive or the substrate may become wet within four (4) hours after applying.
- Temperature - Soprasolar Adhesive should be at least 60 °F (15.5 °C) when applied.
- Surface Preparation - Surfaces to which the Soprasolar Adhesive are to be applied must be clean and dry in order to obtain good adhesion.
- Equipment - A one-half (½") inch (13 mm) drill and eight (8") inch (203 mm) paddle mixer is required for mixing. Soprasolar Adhesive can be applied with a roller, trowel, or brush.
- Application - Apply Soprasolar Adhesive in full coverage using brushes or rollers. Brushes can be used for small applications.
- Curing Time - Soprasolar Adhesive will cure to a solid within several hours. Cure times are dependent on ambient temperatures.
- Clean Up - Use mineral spirits for clean up of material.