

ROOF MATE

BUTTER GRADE SEALANT

Technical Data & Application Instructions

PRODUCT DESCRIPTION

ROOF MATE BUTTER GRADE is a water-based, high solids elastomeric sealant utilizing the latest advances in advanced acrylic technology. Its thick, buttery consistency allows it to be easily worked into vertical seams on metal roofs, gaps in flashings and around protrusions, and into heavily alligatored areas in weathered built-up roofing. **ROOF MATE BUTTER GRADE** is manufactured from a unique acrylic resin specifically designed to provide increased tensile strength and elongation on problem roof areas as well. It is ideally suited for sealing mechanical fasteners and horizontal seams on metal roofs, as well as around flashings, drains and protrusions. It has excellent adhesion to asphaltic roofing, metal, concrete, wood, hypalon and polyurethane foam, and can also be used for encapsulating **Roof Mate Mesh** reinforcement fabric.

APPLICATION

All surfaces must be dry and free from dirt, dust, grease, oil, pollution fallout and other contaminants that may interfere with proper adhesion. Any primers that are to be utilized on the roof surface should be applied prior to application of any **ROOF MATE BUTTER GRADE**. Apply the **ROOF MATE BUTTER GRADE** in sufficient quantity to encapsulated fastener heads and completely seal the seam or crack being treated, extending the **BUTTER GRADE** 1 to 2 inches (2.5 to 5 cm) on either side of the opening. A stiff-bristle brush should be utilized for working the **ROOF MATE BUTTER GRADE** into seams, cracks and alligatored areas. When sealing vertical seams on metal roof decks, the **BUTTER GRADE** should be worked up into the seam with a brush. On horizontal metal roof seams, the **BUTTER GRADE** should be applied in a 3 to 4 inch (7.5 to 10 cm) strip, in 2 coats, to a total thickness of 60 to 80 wet mils (1,524 to 2,032 microns), centered over the seam. All seams must first be checked to assure that there is no more than 1/4" (6 mm) deflection when pressure is applied below the seam. Add additional fasteners as necessary to minimize panel deflection.

PACKAGING & MIXING

ROOF MATE BUTTER GRADE is packaged in 2 gallon (7.6 liter) pails and 5 gallon (19 liter) buckets. Upon extended storage, some settling may occur. Stir as necessary with a stiff mixing blade until a smooth, even consistency is achieved.

TYPICAL PROPERTIES

BUTTER GRADE

Solids By Volume (ASTM D5201) -----	66% (±2)
Tensile Strength (ASTM D412) -----	325 psi (2.24 MPa) (±25)
Elongation (ASTM D412) -----	200% (±25)

ROOF MATE BUTTER GRADE will freeze and become unusable at temperatures below 32°F (0°C). Do not store or ship material if there is a possibility of freezing temperatures. Do not apply if **ROOF MATE BUTTER GRADE** cannot cure prior to exposure to freezing temperatures, rain or heavy dew. See individual Material Safety Data Sheets for additional precautions.



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