

RhinoBond® EPDM Plate

PRODUCT DATA SPECIFICATIONS

PRODUCT DESCRIPTION

OMG RhinoBond EPDM Plates are designed to secure roof insulation and approved clean EPDM roof membranes*. Plates are 80-mm (3-in.) round, specially coated Galvalume, installed with OMG-manufactured fasteners** on steel, wood or structural concrete roof decks.

All RhinoBond plates have a recessed center and a raised flat bonding surface, and come in easy to handle weather-resistant packaging.

RhinoBond Plates for approved and clean EPDM membranes are white.

FEATURES & BENEFITS

- RhinoBond EPDM plates meet ETAG 006 criteria for corrosion resistance. EPDM plates feature a wide welding surface to promote a strong bond.
- RhinoBond Plates are packaged in weather-resistant pails for easy handling.
- Keep lids closed to protect plates from U.V. sun exposure.

APPLICATION

RhinoBond is a proprietary roof attachment system approved for use by select roofing manufacturers. The system requires the use of RhinoBond Plates and OMG manufactured fasteners, as well as a RhinoBond induction tool.

KEY:

S Steel	SC Structural Concrete
W Wood	LC Lightweight Concrete
G Gypsum	LWIC Lightweight Insulating Concrete
P Purlins	CWF Cementitious Wood Fiber

Insulation Types and Thicknesses:

RhinoBond is compatible with most common insulation types, including mineral wool, polyisocyanurate (PIR), DensDeck® and Securock® as well as any insulation that will not melt by the induction welding process. Induction welding over extruded polystyrene (XPS) or EPS requires a cover board (13-mm (.5-in.) minimum), or the use of the OMG 102-mm Cardboard Disks.

Metal Deck: When using RhinoBond over a metal deck, a minimum of 38-mm (1.5-in.) of insulation over the metal deck is required for proper tool operation.

These recommendations address various technical operating requirements of the RhinoBond Induction Tool only, and are not provided in lieu of any applicable building code or roofing system manufacturer requirements or specifications.

Pull tests should always be conducted to determine proper fastener selection.

PACKAGING

RhinoBond Plates are packaged in plastic weather-resistant pails of 500 pieces each.

COATING

All OMG fasteners feature CR-10 corrosion resistant coating, which exhibits less than 15% red rust after 30 keesternich cycles. CR-10 coating exceeds ETAG 006 requirements.

*Clean EPDM membrane – currently there are a limited number of clean EPDM options available only in Europe and approved for use with RhinoBond. Always verify membrane suitability and approvals with membrane supplier. RhinoBond is not suitable for use with other EPDM membrane.

**Consult roofing manufacturer for specific system ratings and requirements.



USE WITH
S
W
SC
P
DECK TYPES

PHYSICAL DATA *

The data below is constant for each OMG RhinoBond Plate.

SIZE	MATERIAL
80 mm (3-in.) round	Coated Galvalume

ORDERING INFORMATION

CAT. NO.	MEMBRANE	PKG	WEIGHT
RBP80A-EPDM	*EPDM	500	16 kg (35 lbs.)

* All Dimensions are nominal.



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