



RhinoBond® Plate

PRODUCT DATA SPECIFICATIONS

PRODUCT DESCRIPTION

OMG RhinoBond Plates are designed to secure roof insulation and thermoplastic* 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.

TPO: RhinoBond Plates for TPO membranes are gold.

PVC: RhinoBond Plates for PVC membranes are black.

FEATURES & BENEFITS

- RhinoBond is a Factory Mutual approved system. See specific manufacturers for FM approvals.
- RhinoBond Plates meet FM 4470 criteria for corrosion resistance, and feature a wide welding surface to promote a strong bond.
- RhinoBond Plates are packaged in weather-resistant pails for easy handling.

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 welding tool. Pre-drilling is required on structural concrete decks.

RhinoBond is compatible with mineral wool, polyisocyanurate and hard cover boards. When using induction welding directly over XPS and EPS, use a minimum 1/4-in. (6 mm) cover board, or a 4-in. (102 mm) cardboard disc under each plate to protect the insulation from melting. On foil faced insulation, the recommended minimum cover board is 1 1/2-in. (38 mm).

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

ATTENTION: RhinoBond Plates must be protected from prolonged UV (ultra violet) sun exposure. Keep RhinoBond buckets covered when not retrieving plates. Installed RhinoBond plates must be covered with membrane by the end of each workday.

PACKAGING

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

APPROVALS



Factory Mutual listings refer to this product as RhinoBond Insulation Plate (PVC, TPO).

*For use with approved PVC and TPO membranes only.

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

TPO



PVC



PHYSICAL DATA†

The data below is constant for each OMG RhinoBond Plate.

SIZE	MATERIAL
80 mm (3") round	Coated Galvalume

ORDERING INFORMATION

CAT. NO.	MEMBRANE	PKG QTY	WEIGHT KG (LBS)
RBP80A-TPO	TPO	500	15.89 (35)
RBP80B-PVC	PVC	500	15.89 (35)

†All sizes are nominal.



KEY:

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



ROOFING PRODUCTS

153 BOWLES ROAD,
AGAWAM, MA 01001 USA
+1 413.789.0252
INFOEUROPE@OLYFAST.COM
WWW.OMGROOFING.COM

Superior productivity. Superior performance.

Europe Market Manager:
Lennard Spirig
LSpirig@olyfast.com
Mob: +41 79 200 19 30
Office: +41 71 599 19 30

Benelux:
Ruud Veldwijk
RVeldwijk@olyfast.com
Mob: +31 6 28376030

United Kingdom:
Mick Steeples
MSteeples@olyfast.com
Mob: +44 7824 364850

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