

Mine Bonder 2000

Product Description

Hernon® Mine Bonder 2000 is an anaerobic adhesive sealant which cures rapidly through large gaps with **Hernon® Primer 50** and will also provide rapid cure and dry fillets when exposed to high intensity ultraviolet light.

Typical Properties

Property	Value
Resin	Methacrylate ester
Appearance	Amber liquid
Viscosity @ 25°C, cP	1,000 to 1,500
Specific gravity	1.07

Typical Curing Performance

Cure Speed vs. Substrate

The rate of cure will depend on the substrate used. The table below shows the fixture time achieved on different materials at 22°C / 50% relative humidity. Fixture time is defined as the time to develop a shear strength of 0.1 N/mm².

Specimen	Activation	Value
Steel	Primer 50 on 1 side	≤ 1 minute

Typical Properties (Cured)

Shear Strength, ASTM D1002
24 Hours at 22°C

Substrate	Activation	Shear Strength (psi)
G/B Steel	Primer 50 on 1 side	≥ 1000

Block- Shear Strength

Cured 24 Hours at 22°C - tested according to ASTM D4501

Substrate	Activation	Shear Strength (psi)
Glass Blocks	High intensity ultraviolet light (US1000), 30 sec at ½ inch distance	≥ 500

General Information

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Safety Data Sheet (SDS).

Storage

Mine Bonder 2000 should be stored in a cool, dry location in unopened containers at a temperature between 45°F to 85°F (7°C to 29°C) unless otherwise labeled. Optimal storage is at the lower half of this temperature range. To prevent contamination of unused material, do not return any material to its original container.

Dispensing Equipment

Hernon® offers a complete line of semi and fully automated dispensing equipment. Contact **Hernon® Sales** for additional information.

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