

TECHNICAL DATA SHEET

Maxguard® PRIMER is a one-component, low-viscosity, clear polyurethane primer-sealer. It contains solvents and is fast-setting at ambient temperatures. This product is specifically designed to act primarily as a primer for concrete, steel and wood-based substrates, in preparation for the sprayed application of a Maxguard membrane.

ADVANTAGES:

- Fast setting combined with deep penetration produce strong anchoring in the substrate;
- User friendly;
- Due to its fast tack-free cure, it allows for membrane application to be completed the same day.

CHARACTERISTICS	
Color	Clear, yellow liquid
Viscosity	300 – 700 cps.
Solids Content (w/w)	Approx.. 60%
VOC Concentration	Approx. 165 g/l
Architectural Coating Category	“Any other primer, sealer or undercoater” (Category #42, VOC Concentration Limit: 200 g/l, in compliance with the Canadian “VOC Concentration Limits for Architectural Coatings Regulation”)
Flash Point	>80.6°F (>27°C)
Coverage	500 sq.ft. / 5-gallon pail (18 kg)
Tack-free Cure Time	Approx. 3 hours @ 70°F (21°C), with low relative humidity (cure time will be longer at lower temperatures and faster at high levels of relative humidity)
Shelf Life	Minimum 6 months in original sealed containers at 59 - 95°F (15 - 35°C),
Packaging	5-gallon pails: 18 kg (approx. 40 lbs.); Drums: 215 kg (474 lbs.)

SURFACE PREPARATION:

For all substrates:

- The surface should be dry, free from dust, grease, oil, sealers, paints, old membrane, rubber tire marks or any other contaminant that could impair adhesion;
- Preparation by mechanical and/or chemical means;

Concrete: Should be sound, cured for at least 28 days;

Wood and wood-based materials: Sand and remove dust;

Steel: Remove rust by mechanical means and wipe with solvent.

DIRECTIONS FOR USE:

- Application by: solvent-resistant roller, brush or spraying equipment. Pass 2 to 3 times over the same area to ensure the formation of a continuous film covering the entire surface. Satisfactory sealing/priming is indicated by the achievement of a uniform, permanent shine on the entire surface;
- Apply sprayed membrane after the tack-free cure of the primer has thoroughly occurred. Do not apply membrane on a primer layer that isn't tack-free. Membranes should be sprayed within 8 hours from the moment tack-free cure of the primer is reached, generally the same day;
- Clean tools and equipment with solvent or solvent mixture immediately after use.

LIMITATIONS:

Does not fill apparent cracks.

Not recommended for immersion.

SAFETY:

Do not breathe vapors. Keep away from flame and sparks.

Refer to the Safety Data Sheet (SDS) for all safety matters, primarily for:

- **Individual protection measures and equipment;**
- **First aid measures, in case of exposure, by eye and/or skin contact, inhalation or ingestion.**

Disclaimer: The information herein is to assist customers in determining whether our products are suitable for their applications. We request that customers inspect and test our products before use and satisfy themselves as to contents and suitability. Nothing herein shall constitute a warranty, expressed or implied, including any warranty of merchantability or fitness, nor is protection from any law or patent inferred. All patent rights are reserved. The product is flammable and must be protected in accordance with applicable codes. Protect from direct flame and spark contact, around hot work for example. The exclusive remedy for all proven claims is replacement of our materials.