

TECHNICAL DATA SHEET

Item number: 0803-455-0454

Product name: ALMACOAT PRIMER PU BOND

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Description: Humidity cured polyurethane primer.

ALMACOAT PRIMER PU BOND is a middle coat primer designed for recoating of polyurea coatings. It can also be used on other non-absorbent surfaces such as plastics or old polyurethane coatings.

ALMACOAT PRIMER PU BOND is a fast drying solvent-based primer. It can be used on new polyurea coatings in order to improve adhesion of UV-ALMACOAT UV PROTECT.

RECOMMENDED USE

ALMACOAT PRIMER PU BOND is easy to use, single component, yellow-brown primer based on polyisocyanate resins. It is cured by air. The product exhibits exceptional adhesion to old polyurea coatings therefore can be used as a primer for renovation. The dry time depends from air humidity and temperature. If the time window for the primed surface is exceeded, another coat of the primer is required. One coat should not exceed 100g/m². This product can be applied by brush, roller or spray application.

TECHNICAL PROPERTIES

Product characteristics (part A-epoxy resin and part B - activator)

	Standard value	Method
Viscosity (25°C)	100-200 mPas	EN ISO 2555 (Brookfield)
VOC	455 g/l	-
Density (25°C)	1.05 g/cm ³	EN ISO 1675
Dry time (23°C @ 50% RH) for 0,05mm coating	70 minutes	-
Time window	90 minutes to 4 hours	-
Middle coat polyurea adhesion	>3 MPa	-
Coverage	50-100 g/m ²	-

Surface preparation and application

ALMACOAT PRIMER PU BOND must be applied on clean and dry surfaces. Polyurea coating or ALMACOAT UV PROTECT coating should be cleaned with pressurized water, tarnished with appropriate grinding disc and degreased with ethyl/butyl acetate based solvent. ALMACOAT PRIMER PU BOND can be then applied on the surface and left to dry. When dry-to-touch following coating can be applied within a couple of hours. If the time window is exceeded – another coat of ALMACOAT PRIMER PU BOND must be applied (within 4 to 24 hours). If in doubt – please contact our technical service.

Storage

Store in temperatures from 10°C to 35°C. When storing in temperatures below 10°C product may start to crystalize partly! If the solids start to appear in the can heat the product to 40-50C for a couple of hours until the sediment is gone.

Safety

Please refer to product label and MSDS's before using ALMACOAT PRIMER PU BOND. When using ALMACOAT PRIMER PU BOND wear protective clothing, goggles and a mask (A1P2 type filter)

SHELF LIFE: 9 months in original tightly sealed container. After the given time periods – products may be used after laboratory tests.

The technical data and suggestions for use contained herein are correct to the best of our knowledge, and offered in good faith. The statements of this literature do not constitute a warranty, express, or implied, as to the performance of these products. As conditions and use of our materials are beyond our control, we can guarantee these products only to conform to our standards of quality, and our liability, if any, will be limited to replacement of defective materials. All technical information is subject to change without notice.

WARNING! This product is designed for professional use in the given industry. Detailed information regarding product safety can be found in the MSDS.