PRODUCT DATA SHEET

DUROPRIME™ PU PRIMER

LIQUID POLYURETHANE PRIMER

DUROTECH
Commercial Waterproofing & Sealants

DESCRIPTION

DUROPRIME™ PU is a moisture curing, single pack, liquid polyurethane penetrating waterproofing primer. It is formulated with our unique crosslinking technology which chemically bonds the DUROPROOF™ Polyurethane membrane range to the substrate. DUROPRIME™ PU as a primer improves the adhesion and performance of the membrane by locking down the surface which improves the spreading and application of the subsequent membranes, providing a penetrative secondary waterproof barrier which improves the coverage of the DUROPROOF™ Polyurethane membrane range. DUROPRIME™ PU is a penetrative sealer and provides a penetrative waterproof barrier when applied in 2 coats or more. DO NOT use as a primary waterproofing membrane. Use only in conjunction with DUROPROOF™ Polyurethane waterproofing membranes . DUROPRIME™ PU dries by evapouration of the solvent and then cures upon contact with water vapour in the air.

FEATURES

- Incorporates unique crosslinking technology to enhance adhesion and provides a strong bond to the substrate
- Improves the coverage of the DUROPROOF™ membrane range
- Improves ease of membrane application
- Can also be used as a penetrative sealer

USE AREA

DUROPRIME™ PU is formulated to prime most surfaces to be waterproofed using DUROPROOF™ Polyurethane membrane range systems, on the following substrates:

- Concrete
- Brick
- Block work
- Fibre cement (FC) sheeting
- Cement and cement render

Given its inherent properties, it can also be used as a penetrative sealer. Ensure that DUROPRIME™ PU is dry prior to the application of the DUROPROOF™ Polyurethane membrane range.

PACKAGING

15 Litre.

APPLICATION

Apply by brush, roller, squeegee or spray. Allow the product to dry before top coating it with the DUROPROOF™ Polyurethane range of membranes. For best results, the DUROPROOF™ Polyurethane membrane range system should be applied as soon as product has cured. Allow sufficient time for absorbed solvent to evaporate from the substrate and is best applied within 36 hours of applying the DUROPRIME™ PU. Longer periods will diminish the crosslinking technology from bonding the two coats. Clean equipment with DUROTECH™ XYLENE.

AUSTRALIAN MADE SINCE 1977

SINCE 1977
Trialled • Tested • Approved

SPECIFICATION

The information contained in this product data sheet is typical but does not constitute a full specification as conditions and specific requirements may vary from project to project. The instructions should be considered as a minimum requirement but the applicator or contractor must use their skill, knowledge and experience to carry out additional works as may be necessary to meet the requirements of the project. Specification for specific projects should be sought from the Specifications section on durotechindustries.com.au.

LIMITATIONS

DUROPRIME™ PU should not be used as a primary waterproofing membrane. Use only in conjunction with DUROPROOF™ Polyurethane waterproofing membranes. For details refering to the DUROPROOF™ Polyurethane waterproofing membrane range, download product data sheets from the DUROTECH™ website. DUROPRIME™ PU should not be used to dilute any DUROPROOF™ product, any dilution will diminish or negate the properties of these products. DUROPRIME™ PU is not a vapour barrier and should only be used when there is a very low risk of entrapped moisture in the slab. DUROPRIME™ PU should not be used as a primer on roofs or exposed areas. The preferred primer for these areas is DUROMIX™ HIBUILD WBE.

PRIMING AND SURFACE PREPARATION

Good preparation is essential. Surfaces must be sound stable, dry, clean and free of dust, loose, flaking, friable material and substances that may diminish adhesion. Product is the primer.

PRECAUTIONS IN USE

DUROPRIME™ PU contains solvent. DUROPRIME™ PU is flammable. Therefore, observe all the safety precautions as per the Material Safety Data Sheet available on durotechindustries.com.au. Ensure adequate ventilation is present when applying the product. In confined areas such as tanks ensure fresh air supply is provided and in severe cases self - contained breathing apparatus may be required. The use of gloves, goggles, coveralls and safety footwear is recommended. Keep all sources of ignition away from the product.

COVERAGE

Coverage rate may vary depending upon the, condition, porosity and texture of the surface including application technique. Approximate coverage is 4m per litre per coat.

DRYING AND CURING

Drying and curing of the product is affected by various conditons for example moisture content and porosity of the surface, temperature, humidity, ventilation, climate conditions and application technique. Therefore drying and curing can only be detrmined by the applicator.

CLEAN UP

CAUTION: Spills are difficult to remove. Wet tools can be cleaned with DUROTECH™ XYLENE. Do not allow any of these products to enter drains and waterways.

SAFETY & PRECAUTIONS

Refer to the DUROPRIME™ PU Material Safety Data Sheet available on durotechindustries.com.au. DUROPRIME™ PU is flammable. Keep all flames and ignition sources away from the product. The wearing of gloves, goggles, coveralls and safety footwear is highly recommended. DUROPRIME™ PU is a Class 3 dangerous goods which must be declared prior to transportation. For full safety details refer to the products Material Safety Data Sheet available on durotechindustries.com.au. For further information about this product contact technical department of Durotech Industries 1300 434 272.

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