cemseal®

Technical Data Sheet

CEMSEAL PRIMER PU-S

POLYURETHANE PRIMER FOR WATERPROOFING COATING

DESCRIPTION

CEMSEAL PRIMER PU-S is a single-component primer for polyurethane liquid-applied coating.

FEATURES AND BENEFITS

- Fast dry
- Good adhesion
- Water resistant

RECOMMENDED USE

- Concrete substrate
- Precast concrete panel

PRODUCT PROPERTIES

Pack Size	17kg Other sizes available on request
Appearance	Light yellowish
Specific Gravity	0.97 ± 0.05
Solid Content	40 ± 5%
Viscosity	≤ 300 (25°C, mPA.s(cPs))

SUBSTRATE REQUIREMENT AND PREPARATION

The substrate and supporting structure must be of sufficient structural strength for application of waterproofing build-up. The substrate shall be smooth, clean, free of dust, curing compound, mould release agent, laitance, loose particles and other contaminants. All joints shall be prepared and filled with suitable filler or sealant. Any honeycomb, crack or damage to the concrete substrate shall be repaired with suitable cement mortar. The acceptable concrete substrate shall be in accordance with ICRI Concrete Surface Profile 1 to 5.

APPLICATION

Application Temperature	5°C to 30°C	
Dew Point	Min. +3°C above dew point between substrate and uncured coating	
Substrate Moisture Content	≤ 6% parts by weight	
Relative Humidity	≤ 80%	
Drying Time	5-10°C	20-30°C
	4-8 hr	2-3 hr

Primer

Apply CEMSEAL PRIMER PU-S with roller, brush or airless spray at a rate of 0.2 - 0.3 kg/m^2 (0.26 - 0.41 l/m^2). Re-apply primer for more porous substrates or if the primer has been left exposed for more than 24 hours since application.

CEMSEAL PRIMER PU-S can be added with OPC cement at a rate of 1:1 (w/w) to promote better adhesion.

COMPATIBILITY

CEMSEAL PRIMER PU-S is compatible with most building materials and substrates.

STORAGE AND SHELF LIFE

Storage

CEMSEAL PRIMER PU-S should be stored in original manufacturer's packaging and position, at room temperature between 5°C and 25°C in a shaded, cool, dry and away from direct sun exposure. It shall also be stored at least 2 metres away from direct heat source.

Shelf Life

Expected 12 months shelf life with the above-mentioned storage conditions.

HEALTH AND SAFETY

User must refer to Safety Data Sheet before usage of this product.

BASIS OF TECHNICAL DATA

All technical data provided in this Technical Data Sheet are based on laboratory tests. Actual performance may vary due to factors beyond our control.

Disclaimer:
The information and any recommendations relating to the application and end-use of all CEMSEAL products are provided in good faith based on CEMSEAL's knowledge and experience of the products. In applications, the differences in materials, and variances of substrates and actual site conditions can vary such that no warranty in respect of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be taken as inferred either from this information, or from any written recommendations, or from any other advice offered by CEMSEAL. The proprietary rights of third parties must be observed. All orders are accepted subject to our sale terms and conditions. All users should always refer to the most recent and up to date issue of the Technical Data Sheet for the product concerned, which is available on request. It is recommended that products should always be properly stored, handled and applied under tested and recommended conditions.

For More Information:

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