cemseal®

Technical Data Sheet

CEMSEAL PRIMER AC-WM

ANTI-CORROSION ACRYLIC PRIMER FOR WATERPROOFING COATING

DESCRIPTION

CEMSEAL PRIMER AC-WM is a single-component, anti-corrosion, water-based primer for acrylic liquid-applied coating on metal surfaces. It can seal tight rust to arrest the corrosion process.

FEATURES AND BENEFITS

- Rust resistant
- Good adhesion
- Surface tolerant

RECOMMENDED USE

- Metal substrate

PRODUCT PROPERTIES

Pack Size	20kg Other sizes available on request
Appearance	Greyish brown
Specific Gravity	1.40 ± 0.05
Solid Content	70 ± 5%
Viscosity	9000 - 13000 (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 clear of loose rust, old paint, scale, oil and other contaminants. Grit blasting of metal surface is preferred before primer application. The surface preparation shall be in accordance with SSPC-SP1 or SP2.

APPLICATION

Application Temperature	10°C to 50°C
Dew Point	Min. +3°C above dew point between substrate and uncured coating
Relative Humidity	≤ 80%
Drying & Overcoating Time	30°C
- Touch-dry time	30 min
- Full cure	4-6 hr
- Overcoating (min)	30 min
- Overcoating (max)	6 hr

Primer

Apply CEMSEAL PRIMER AC-WM with roller, brush or airless spray at a rate of 0.10 - 0.15 kg/m^2 (0.14 - 0.21 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.

COMPATIBILITY

CEMSEAL PRIMER AC-WM is compatible with most metal substrates.

STORAGE AND SHELF LIFE

Storage

CEMSEAL PRIMER AC-WM 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.

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