



UNE MARQUE SIKA
A SIKA BRAND

WECT-DP

DEEP PENETRATING WATERBORNE EPOXY PRIMER

DESCRIPTION

WECT-DP is a two-component deep penetrating waterborne epoxy primer. We recommend using WECT-DP for all our epoxy ECTR systems as a primer to maximize adherence of topcoats.

ADVANTAGES

- Very low viscosity allows deep penetration into the concrete
- Densifies and strengthens concrete that is weak on the surface
- Can be recoated in the same day

TECHNICAL SPECIFICATIONS AND MECHANICAL DATA

PACKAGING	1 Gallon kit	RECOMMENDED THINNER	Water
MIX RATIO BY VOLUME	A:B:C – 0.50 : 0.68 : 2.6	SOLIDS BY WEIGHT (%)	24-25%
TACKFREE TIME @25° C	6 hours or when the coating has less than 4% relative humidity on the surface	SHELF LIFE	12 months unopened
IDEAL TEMPERATURE	24 - 27°C	POT LIFE @ 25° C	1-2 hours

SURFACE PREPARATION

The surface to be coated must be well primed. Remove dust, laitance, grease, oils, dirt, impregnating agents, foreign matter, any previous coatings, and disintegrated substances by mechanical means such as shot-blasting (BLASTRAC) or any other approved method to obtain an ICRI-CSP 3-4 profile. The compressive strength of the concrete must be at least 25 MPa (3625 lbs/in²) after 28 days and the tensile strength at least 1.5 MPa (218 lbs/in²).

MIXING

The products must be conditioned at a temperature between 18 ° C (65 ° F) and 30 ° C (86 ° F).

Pour the resin (A) into the hardener (part B) and mix at low speed to obtain a thick paste. Add 4 equal portions of 650ml of water (2.60 L total) and mix well after each addition to ensure a homogeneous mixture. Mix full units only.

APPLICATION

Apply the product generously with a 20-30 mm long haired roller; roll in both directions for even coverage, avoiding excess thickness. For maximum results the surface will have to remain wet for a period of 30 to 45 minutes by adding more material to the areas where the concrete will appear dry to the eye without ever leaving any extra material.

CLEANING

Clean all application equipment with the water. Once the product has hardened, it can only be removed by mechanical means. In case of skin contact, wash thoroughly with warm soapy water.



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RESTRICTIONS

- Do not apply at temperatures below 10 ° C / 50 ° F or above 30 ° C / 86 ° F.
- The relative humidity of the surrounding work environment during the application of the coating and throughout the curing process should not exceed 85%.
- Substrate temperature must be 3 °C (5.5 °F) above dew point measured.
- Humidity content of substrate must be <4% when coating is applied.
- Do not apply on porous surfaces where a transfer of humidity may occur during the application.
- The application of this coating on an interior or exterior substrate without a moisture barrier is at risk of detachment (by hydrostatic pressure).
- Surface may discolor in areas exposed to regular ultraviolet light.

HEALTH AND SAFETY

In case of skin contact, wash with water and soap. In case of eye contact, immediately rinse with water for at least 15 minutes. Consult with a doctor. For respiratory problems, transport victim to fresh air. Remove contaminated clothes and clean before reuse. Components A and B contain toxic ingredients. Prolonged contact of this product with the skin is susceptible to provoke an irritation. Avoid eye contact. Contact with may cause serious burns. Avoid breathing vapors release from this product. This product is a strong sensitizer. Wear safety glasses and chemical resistant gloves. A breathing apparatus filtering organic vapors approved by the NIOSH/MSHA is recommended. Predict suitable ventilation. Consult the material safety data sheet for further information.

IMPORTANT NOTICE

The information and recommendations contained in this document are based on reliable test results according to CTM Coatings. The data mentioned are specific to the material indicated. If used in combination with other materials, the results may be different. It is the responsibility of the user to validate the information therein and to test the product before using it. CTM Coatings assumes no legal responsibility for the results obtained in such cases. CTM Coatings assumes no legal responsibility for any direct, indirect, consequential, economic or any other damages except to replace the product or to reimbursement the purchase price, as set out in the purchase contract.