



PACT-9500

POLYASPARTIC COATING

UNE MARQUE SIKA
A SIKA BRAND

DESCRIPTION

PACT-9500 is a two-component, 95% solids, VOC compliant, polyaspartic coating that was developed as a low odor topcoat. The product contains a UV protector. It provides a glossy finish with superior chemical resistance. It exhibits excellent physical properties. This system has been approved by the Canadian Food Inspection Agency (CFIA).

PRIMARY APPLICATIONS

- Marine protection for fiberglass, steel, concrete or wood
- Aircraft hangar floors
- Offshore platforms
- Industrial shop floors
- Car washes or wash bays
- Bridges
- Wastewater treatment applications

ADVANTAGES

- Long pot life
- Displays fast cure times in thin film
- Superior chemical (UV stable) and abrasion resistance
- Low odor and non yellowing and good gloss retention
- Dense surface resistant to bacteria and humidity
- VOC complaint in Canada and the United States

TECHNICAL SPECIFICATIONS AND MECHANICAL DATA

PACKAGING	3 Gallon/15 Gallon	RECOMMENDED FULL CURE	72 hours @ 25°C
MIX RATIO BY VOLUME	2:1	SOLIDS BY WEIGHT (%)	95%
THICKNESS	Solid color: 6-8 mils / 200-265 ft² us gal Vinyl flakes: 8 - 12mils / 133-200 ft² us gal	SHELF LIFE	12 months unopened
TACKFREE TIME @25° C	6-10 hours	POT LIFE @ 25° C	35-45 minutes
IDEAL TEMPERATURE	24 - 27°C	RECOMMENDED THINNER	Xylene

PROPERTIES @ 23°C (73°F) 50% R.H.

TENSILE STRENGTH	6500-7600 psi	COMPRESSIVE STRENGTH	9500 psi
ELONGATION AT BREAK	100%	CONCRETE ADHESION	500 psi
WATER VAPOR TRANSMISSION	1 Perm	HARDNESS, SHORE D	75-78



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MIXED VISCOSITY @ 25° C 400-500 cps
TEAR STRENGTH 350 pli

WATER ABSORPTION 0.2%
ABRASION RESISTANCE 0.05 mg loss
(CS17/1000 CYCLES/1000G)

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).
Mix the resin part (A) perfectly before pouring the hardener (part B) according to the indicated mixing ratio. Depending on product amount and size of mixing equipment, mix for 1 to 3 minutes at low speed (300 to 450 rpm). During mixing, scrape the walls and bottom of the container at least once with a trowel to obtain a homogeneous mixture.

APPLICATION

Primer coat: ECTR

Apply the coating using a rubber squeegee and pass a roller to obtain a uniform coating. Apply evenly and avoid creating excess pools of material.

Finish coat: PACT-9500

Apply the coating using a rubber squeegee and pass a roller to obtain a uniform coating. Apply evenly and avoid creating excess pools of material.

CLEANING

Clean all application equipment with the recommended cleaner (SCT-0001). Once the product has hardened, it can only be removed by mechanical means. In case of skin contact, wash thoroughly with warm soapy water.

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.



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- The application of this coating on an interior or exterior substrate without a moisture barrier is at risk of detachment (by hydrostatic pressure).
- Protect the coating from all sources of moisture for a period of 48 hours.

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.