ACR - TP11

Sazgar Beton BEHDAD co

SAFETY-SEAL

Technical Information Sheet

PRODUCT DESCRIPTION

ACR - tp11 Safety-Seal is a premium, solvent-based sealer that protects concrete surfaces from stains and mildew while adding a slip-resistant surface.
Safety-Seal is ideal for properly prepared commercial or residential applications
where water or moister can accumulate.

USES

- Colored and uncolored concrete
- Stamped concrete
- Stone and masonry surfaces
- Driveways, walkways, stairs, and concrete pools decks

FEATURES

- 19% Solids
- Stain and oil resistant
- UV Resistant
- Protects against de-icing salts.
- Dries to a low sheen
- Color enhancing
- Dries clear/ Non-yellowing
- Slip-Resistant Additive
- Reduces alkali/efflorescence attack
- Prevents mildew and fungi

USE & APPLICATION

PRECAUTIONS: Brickform strongly recommends jobsite samples or mock-ups with these products. Individuals who will be performing the work should test different sections of the concrete to determine suitability, coverage, coverage rates and final appearance. • Safety-Seal should be applied when the air temperaturee is between 50°F (10°C) and 85°F (29.5°C). Applying the sealer at temperatures above 85°F (29.5°C) will cause the solvent to evaporate too quickly and not allow the film to form properly. Inadequate film formation results in bubbling, blushing (whitish haze), flaking, and adhesion failure over time. At temperatures below 50°F (10°C) the film may not cure properly resulting in less gloss development, hazing, and a softer, less durable sealer. Do not apply on rainy or foggy days. Excess moisture will not allow the sealer to dry properly

• Direct sunlight and windy conditions during application will also affect how the sealer dries. If the outer surface of the product dries too fast, a film will form that does not allow the solvent below to escape properly. This condition can also cause bubbling and/or hazing. These problems can develop within minutes or hours of the application of the sealer. Over-application of sealer can result in similar conditions.. 2-3 light coats is better than one heavy coat. If possible, apply early or late in the day when temperatures are cooler.

• Apply in thin coats, only on surfaces textured for slip resistance. If applied too heavily or applied to dense surfaces, the sealer may become slippery, especially in areas where water accumulates. Heavy application may also result in bubbling and coating imperfections. This product is not recommended for pre-sealed or dense surfaces such as glazed tile, marble or granite, dense brick, dense slate, or terrazzo. Dense, power troweled concrete slabs MUST be properly profiled and cleaned for proper adhesion of this product. Properly prepared surfaces will readily absorb water. Water beading up or remaining on the surface indicates additional preparation and cleaning is required. Do not use this product where hydrostatic pressure is present.
PREPARATION:
• Surface preparation is the most important process when using any topically applied product available from tp11. tp11 follows the surface preparation techniques recommended by the International Concrete Repair Institute outlined in its Guideline No. 310.2R Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings, and Polymer Overlays. This Guideline is available at icri.org and tp11 highly recommends obtaining a copy and thoroughly familiarizing yourself with the various processes for accurately preparing concrete slabs.
. Generally speaking, newly poured slabs must be at least 28 days old. The curing conditions including temperature and humidity have a dramatic effect on how fast or slow the slab cures. Cooler conditions will slow the curing process and these factors must be considered when determining whether a slab has adequately cured for the installation of this product.
• Surface preparation requirements are different for every slab and the installer must determine what process is appropriate for the slab they are working on.

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