

# CIKOshield AC

## Polymer based film pavers and brick sealer

### Description

CIKOshield AC is a polymer base film forming product designed to enhance the appearance of interlocking pavers and semi dry concrete elements.

Dried and cured CIKOshield AC coating enhances colour retention and resistance to fading. It also provides stain protection, reduces surface water absorption, efflorescence migration and related freeze thaw damages.

CIKOshield AC is a blend of special grade of polymer dispersed in water along with other additives in perfect proportions to attain all the properties required for an ideal concrete pavers and brick sealer.

### Properties

- Single component system
- Easy to apply (spray, brush or roller)
- Enhance colour and gives glossy wet appearance
- Non-flammable and non-toxic
- Forms stable film on the surface to provide excellent sealing properties
- Non-staining
- Reduces weed algae and moss growth

### Application area

It CIKOshield AC is a high quality film forming sealing compound for pavers, semi dry elements and bricks.

### Physical properties

|               |   |
|---------------|---|
| Form          | Liquid                                  |
| Colour        | Milky when wet<br>Clear film when dries |
| Mixed density | 1.01± 0.01 gm/cm <sup>3</sup>           |
| Odour         | Mild ammoniated odour                   |
| Toxicity      | Non toxic                               |
| pH            | 8.5 ± 1                                 |

### Coverage

CIKOshield AC provides coverage of 15-18 m<sup>2</sup>/ltr.

Note: The coverage depends on the floor condition, finish and pavers absorption. A test area is recommended before application to ensure proper appearance aesthetics, film bond and to find our approximately average coverage rate.

Consult our technical service department for assistance.

### Application instructions

#### Surface preparation

The surface should be firm and free from dust and loose particles. Any traces of oil or grease or other bond breakers on the surface shall be cleaned and completely removed.

#### Mixing

CIKOshield AC is one component ready to used material that require only stirring before usage.

#### Application Method

Apply CIKOshield AC by brush, roller or spray. The spray equipment must be capable to generate a fine mist causing no damage to wet paver surfaces.

### Packaging

CIKOshield PU is available in 20 litre pail.

### Shelf life

CIKOshield AC has a shelf life of 12 months if stored in accordance with CIKO instructions.

### Storage

CIKOshield AC should be stored under enclosed shaded area at temperatures between 5 – 35 °C.

### Precautions

- Do not apply on frozen, frost filled or hot surfaces
- Colder temperature and high humidity will result in slower drying times
- For spray application a nylon pre filter to be installed for removal of skinned polymers
- If the sealer dries inside the sprayer during break in application, the spray nozzle to be removed and soaked in aromatic solvent and cleaned with a stiff brush.

## **Health & safety**

CIKOshield AC should not come in contact with eyes or be swallowed. Ensure adequate ventilation and avoid inhalation of vapours. Applicator should wear appropriate clothes, gloves and goggles. Use of barrier cream is recommended to provide additional skin protection. If comes in contact with eyes flush with plenty of fresh water and seek medical advice.

Refer Material Safety Data Sheet for further details.

## **Technical Support**

*For any technical support, do not hesitate to contact CIKO team at any time as CIKO offers on and off site services to end users, specifier and contractors.*

## **More from CIKO Middle East**

A wide range of construction chemical products are manufactured by CIKO Middle East which includes:

- *Concrete admixtures and additives*
- *Waterproofing and damp proof coatings*
- *Surface treatments*
- *Flooring and toppings*
- *Grouts and anchors*
- *Tile adhesives and grout*
- *Concrete repair materials*
- *Adhesives and bonding agent*
- *Protective coating*
- *Joint Sealants and Moulding compounds*
- *Ancillaries*

TDS/RP18 Rev.:1 Issue:C

Note: The information presented herein based on the best of our knowledge and expertise for which every effort is made to ensure its reliability. Although all the products are subjected to rigid quality tests and are guaranteed against defective materials and manufacture, no specific guarantee can be extended because results depend not only on quality but also on other factors beyond our control



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