

### PRODUCT DESCRIPTION

Jembond ACP 16 is a single component acrylic based polymer when blended with cement, forms a composite polymer modified cementitious waterproofing system, when used in conjunction with fibre mesh forms a tough hardwearing substrate.

### WHERE TO USE

Jembond ACP 16 is Used for surface treatment, protecting, waterproofing, and repairing concrete and masonry.

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Waterproofing of basements, toilets, terraces, roofs, swimming pools, water towers, etc.

Protection of concrete against corrosion, salt attack, etc.

Provides passivating protection matrix to reinforcing steel

Waterproofing of basements, toilets, terraces, roofs, swimming pools, water towers, etc.

### CHARACTERISTICS/ ADVANTAGES

- Can be applied in uniform thickness to horizontal and vertical surfaces.
- Develops excellent bond to most building materials and all types of steel substrate.
- Improves mechanical and physical properties of the coating system when used in conjunction with cement.
- Reduces or prevents salt penetration into concrete.
- Resistance to ultraviolet light or by-chemicals ranging from mild acids to strong alkalis

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Plot No. 1, Survey No. 795/2, Opp. Mahindra VehicleGate No 2, Subhashwadi, Nighoje-Talwade Road, Nighoje, Chakan, Dist. Pune-410501, India.

Tel. : 02135 - 202901. [info@jemkon.com](mailto:info@jemkon.com) [www.jemkon.com](http://www.jemkon.com)

- Highly impermeable in continuous wet conditions.
- Is non-flammable and does not give off toxic gases when exposed to fire.

**APPEARANCE / COLOUR** Milky White Liquid

**PACKAGING** 5 kg

**STORAGE/ SHELF LIFE** Component may be stored for up to 24 months.

**CHEMICAL BASE** Polymer and additives

**MIX DENSITY, GM/ CC** 1.01

**DRY SOLIDS CONTENT (%):** 18%

**MIXING RATIO** Single

**APPLICATION TEMPERATURE RANGE** +8°C to +35°C

### APPLICATION DETAILS

**CONSUMPTION /DOSAGE** Jembond ACP 16 ~ 0.05 to 0.1 kg/m<sup>2</sup> depending on the porosity.

**SUBSTRATE PREPARATION / APPLICATION PROCEDURE** The substrates must be sound, dry, free of dust, loose particles, wax, oils, rust, curing compounds and traces of paint and gypsum. Any laitance or weak layers from cement based surfaces must be removed.

**SUBSTRATE TEMPERATURE** +8°C min. / +35°C max

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**MIXING** Stir Jembond ACP 16 and Pour on the substrate and apply.

**APPLICATION PROCESS & TOOLS** Apply using a short, stiff bristle brush or roller. The second coat can be applied after 3 to 5 hours if the surface is porous.

**RECOMMENDED UNDERCOATS & OVERCOATS** Do not apply Jembond ACP 16 at temperatures lower than +8°C. Protect from rain and water spillages for the first 24 hours after application. Do not leave Jembond ACP 16 exposed in swimming pools. Do not apply on lightweight substrates. Do not apply on cementitious substrates not sufficiently cured. During hot weather, it is advisable to keep the product out of direct sunlight before use. After application, and in particularly dry, hot or windy weather, we recommend that the surface is protected from rapid evaporation with sheets.

**CLEANING** Due to the high bonding strength of Jembond ACP 16, even on metals, we recommend that work tools are washed with water before the primer sets. Once it has set, cleaning may only be carried out by mechanical means.

### CURING DETAILS

#### POTLIFE

Temperatures	Time
from +5°C to +35°C	20 to 30 minutes

#### SETTING TIME

Temperatures	Minimum	Maximum
+25°C	24 Hours	48 Hours

(Optional) Light sanding advised after maximum time.

#### APPLIED PRODUCT

##### READY FOR USE

Temperatures	Minimum	Maximum
+25°C	24 Hours	48 Hours

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Times are approximate & will be affected by changing ambient & substrate conditions.

### CLEANING/ MAINTENANCE

Prior to setting, Jemshield ACP 16 can be cleaned and removed from tools and hands with water

### VALUE BASE

All technical data stated in this technical Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

### HEALTH & SAFETY

Jembond ACP 16 should not come into contact with skin, eyes or be swallowed. Protective glasses should be worn during mixing and application. Should Jemshield BTP come into contact with skin, remove before hardening by washing with soap and water. Should accidental eye contact occur wash with plenty of water and seek medical advice. If swallowed seek medical advice immediately. Do not induce vomiting. For full health and safety data refer to Product Safety Data Sheet

### LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Jemkon's products, are given in good faith based on Jemkon's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Jemkon's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information or from any written recommendations or from any

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# Jembond ACP 16

## Acrylic Resin Based water dispersion Primer

Technical Data Sheet  
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other advice offered. The user of the product must test the product's suitability for the intended application and purpose. JEMKON reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Technical Data Sheet for the product concerned, copies of which will be supplied on request.

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