

# CWC® SMARTSIL

## READY TO USE ACRYLIC PASTE FOR SEALING INTERNAL AND EXTERNAL SURFACE CRACKS

### DESCRIPTION

**CWC® Smartsil** Acrylic Paste is a single pack, acrylic based, ready to use putty for filling and sealing the cracks on internal and external plastered surfaces.

### USES

As crack filling paste for internal & external surface cracks on masonry surfaces such as brick, blocks or plaster

### CHARACTERISTICS / ADVANTAGES

- Paste form, easy to apply
- Non-shrink
- Can be used for both internal and external surfaces
- Can be used to seal hairline cracks Can be applied on damp surfaces but not on cracks with running water
- Non-staining
- UV resistant Can seal non-moving cracks upto 6 mm wide in plasters and walls
- Self-curing and excellent adhesion with substrates both for vertical and horizontal application

### INDICATIVE CHARACTERISTICS

<b>Chemical Base</b>	Acrylic paste
<b>Appearance / Colour</b>	White paste
<b>Density</b>	1.5 ± 0.1 kg/L
<b>Consumption</b>	1 kg covers 40-50 linear meter for crack of 6 mm x 6 mm
<b>Ambient Air Temperature</b>	+5 °C min. / +40 °C max.
<b>Substrate Temperature</b>	+5 °C min. / +40 °C max.
<b>Service Temperature</b>	+5 °C min. / +45 °C max.
<b>Drying Time</b>	
<b>Skimming time</b>	~20 minutes (+25 °C & 50% r.h.)
<b>Curing rate</b>	~2 mm / 24 h (+25 °C / 50% r.h.)

### APPLICATION INSTRUCTIONS

#### SUBSTRATE QUALITY / PRE-TREATMENT

- The substrate must be clean, sound and dry, homogeneous, free from grease, dust and loose particles.
- Paint, laitance and other poorly adhering particles must be removed. Fine hair line cracks must be widened with V groove upto 1 mm minimum and then filled.

#### APPLICATION

- For filling CWC® Smartsil Acrylic Paste on the cracks of internal or external surface, existing POP or CWC® Wall Decor (wall putty) must be removed till plaster surface is exposed.
- For porous surfaces, apply primer coat prepared with CWC® Smartsil Acrylic Paste and water in 1:1 proportion over the crack. Fill CWC® Smartsil Acrylic Paste when the surface is tacky and not dried completely. Press CWC® Smartsil Acrylic Paste firmly into the crack with a spatula or putty knife and level with the surface.
- Care must be taken to avoid the formation of cavities or bubbles during application. Allow it set for 24 hours and then apply another coat of CWC® Smartsil Acrylic Paste in case of sag or depression.
- Further POP or CWC® Wall Decor (wall putty) application can be taken up once it is fully dry. For best results allow CWC® Smartsil Acrylic Paste to cure for 7 days.

#### PACKAGING

- Packaging 1 kg plastic bucket x 10
- Packaging 5 kg plastic bucket x 2

**Shelf Life:** If stored in unopened containers at normal ambient temperatures, a shelf-life of approximately 12 months.

Freezing point: Approximately -2°C.



## LIMITATIONS

- Pre-test for over paintability and paint compatibility are recommended.
- Colour deviations may occur due to chemicals, high temperature, UV-radiation. A change in colour does not influence the technical and protective performance of the product.
- Do not use CWC® Smartsil Acrylic Paste as glass sealer, in floor joints, in sanitary joints, on marble, natural stone, in joints with permanent water immersion, in cracks more than 6 mm wide and cracks in POP / wall putty.
- CWC® Smartsil Acrylic Paste is not recommended for cracks in structural load bearing members, filling expansion joints or on stress cracks appearing at the junctions of masonry and concrete in civil engineering structures (example, column and wall junction, lintel and overlying masonry junction, etc.). For this purpose use CWC® Smart sealant PU -Construction+ or which is a polyurethane based sealant
- Close the container tightly after application and prevent contact of material with air while not in use to prevent curing and hardening of material

## Safety

Before use, refer to the Material Safety Data Sheet.

The MSDS is available on [www.cwcchemicals.com](http://www.cwcchemicals.com)

## ADDITIONAL INFORMATION

The CWC range of associated products include high strength cementitious, epoxy grout, polyester resin-based mortar, Resin anchoring systems. Also available a range of products for use in construction; viz., admixtures, curing compounds, release agents, flooring systems and repair mortars.

Separate datasheets are available on these products.

### **Concrete Works Construction Chemicals Private Limited (CIN: U74999PN2021PTC199740)**

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#### **Regional Offices**

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