



ALCIBAY INDIA[®]

JAPANESE WATERPROOFING TECHNOLOGY

CRACK - SOL

Technical Data Sheet

Product Description:

Crack-Sol is composed of high-quality weather durable acrylic emulsion polymer-based, single pack, ready to use flexible putty for filling the cracks in the plastered surface. Crack - Sol is an Acrylic modified resin in a single pack ready to use for filling the cracks on internal and external plastered surfaces. Crack - Sol is an acrylic Paste is composed of high quality, acrylic emulsion polymer. CFP has excellent bonding, easy to apply, is water resistance has aesthetic appearance & durability.

Areas of Application:

- Internal & external plastered brick masonry wall cracks (max. up to 5 mm width crack.)

Advantages:

Crack - Sol is used for internal and external plastered brick masonry wall cracks (max. up to 5mm width crack)

- Consistency - Paste form, without sagging
- Ease of application - Acrylic paste easy to apply by putty knife similar to conventional putties
- Flexibility - Flexible, therefore does not crack & accommodates minor movements in the crack
- VOC - Water-based with very low VOC hence eco-friendly
- Durability - Excellent resistance to UV & atmospheric conditions
- Bonding - High Performance, Excellent adhesion with the cementitious surface
- Eco-friendly - Non-toxic & harmless to hands
- Staining - Non-staining
- Paint ability - overcoat able by any type of polymer-based paints, after 24 hrs.
- Economical - Most effective and economical Crack Paste, Non-shrink
- Requires only water to be added

Application Methods:

Surface Preparation:

- The surface must be free from dust, oil, grease, and loose particles, etc.

Application:

- Clean the surface of crack area and develop the crack in 'V' shaped groove, clean the prepared groove with light water to remove loose particles.
- Take the single component Crack -Sol Paste acrylic paste and fill to the prepared substrate, up to 3 mm thickness .It can be applied with putty Knife.
- For porous surface, apply primer coat prepared with Crack -Sol paste and water 1:1 proportion over the crack. Fill the Crack -Sol when the surface is tacky and not dried completely.
- Press Crack -Sol firmly into the crack with a spatula or putty knives and level with the surface.
- Care must be taken to avoid formation cavities or bubbles during application.
- Allow it set 24hrs and then apply another coat of Crack -Sol.

Cleaning

- Clean tools & equipment's and hand with soap and warm water, immediately after use.



Shelf Life:

- Shelf life is 6 months from the date of manufacturing in unopened containers.
- Store at the cool and dry place, away from sun heat and under a shaded area.

Coverage:

- 23-25 running meter/kg (for a depth of 5mm and width of 5mm).

Technical Data:

Properties	Results
Appearance	Smooth & thick paste. Color off white
Density at 30°C	-1.45±0.1
Consistency	Viscous paste
Non volatile content	Approx 74+/-2%
Tack free time at 23°C	Approx 30 minutes
A vertical slump in mm	Nil
Service temp range °C	-5 to +60
Extension recovery	Approx 60%
Freeze/ thaw stability, 5 cycles	Passes
Volume shrinkage	Approx 22%
Movement accommodation factor	Approx +10% at 27°C
Water resistance	Excellent

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