Modern Chemical Industries, S.A.E.
Paints · Coatings | Corniche Embaba, Al Warraq, Giza, Egypt | Established 1978

SOLID CRACK FILLER

Ready-Mixed Styrene-Acrylic Crack Filling Putty — Solid Line

PRODUCT DESCRIPTION

Solid Crack Filler is a ready-to-use filling putty suitable for all construction surfaces, giving high quality and a uniform surface. It is specially designed to help repair and restore cracks in interior and exterior surfaces that appear around window frames, doors, and openings before painting, whether old or new.

KEY FEATURES

- Easy to use
- High adhesion strength
- Good filling power and rich consistency
- Can be used with all types of paint without affecting their properties
- Environmentally friendly

RECOMMENDED USES

- Various old and modern surfaces, such as old and modern render
- Cracks and voids around doors, windows, and structural openings

SURFACE PREPARATION

Ensure the surface to be painted is clean, sound, uniform, and free from grease and foreign adhering material. Dampen the surface with water. The surface must be dry, clean, uniform, and free from grease and dust; any contamination must be removed before application. Surface temperature must not be below 5°C during application. Solid Crack Filler may be used for cracks up to 15 mm; for cracks wider than 15 mm, apply in layers, allowing drying time between layers.

TECHNICAL & PHYSICAL PROPERTIES

Property	Value
Product Type	Crack filling putty
Binder	Styrene acrylic
Color	White
Solids Content by Volume	30% ± 3
Solids Content by Weight	41% ± 3
Specific Gravity	1.27 ± 0.03 g/cm³ (ASTM D1475-98)
Guideline Consumption Rate	According to the condition and dimensions of the cracks
Shelf Life	18 months from the date of production, stored in the original sealed container under suitable conditions and away from direct sunlight

APPLICATION GUIDELINES

Parameter	Recommendation
Application Method	Clean, dampened putty knife or spatula
Reinforcement	Where required, use expanded fiber mesh for reinforcement around the cracks
Maximum Crack Width	15 mm in a single application; wider cracks to be filled in layers
Thinning	Ready to use

DRYING TIME

Stage	Value
Initial Dry	1 hour
Dry to Recoat	3 - 4 hours

Final Dry	10 - 12 hours

Temperature, humidity, film thickness, and the number of coats all affect drying time.

STORAGE

Store in a cool, dry, well-ventilated place, away from direct sunlight, heat sources, and extreme temperatures. Keep containers tightly closed when not in use. Protect from frost. Do not return unused material to its original container, to avoid contamination.

HEALTH & SAFETY

- Observe all warning and precautionary labels displayed on the container.
- Ensure application takes place in a well-ventilated area.
- Avoid skin and eye contact. Wear overalls, gloves, and goggles where appropriate.
- In case of eye contact, flush immediately with plenty of clean running water and seek prompt medical attention.
- Keep out of reach of children.
- Do not empty into drains or watercourses. Dispose of waste in accordance with local regulations.
- A Safety Data Sheet is available for this product and should be consulted for full handling and disposal information.

The information in this data sheet is given to the best of our knowledge, based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.