

CRACK FILL PASTE



DESCRIPTION

POWER CRACK FILL PASTE is a single pack, acrylic based, ready to use putty for filling the cracks on internal and external plastered surfaces.

USAGES & ADVANTAGES

- Ready to use crack filling paste for internal & external surface cracks
- Paste form, easy to apply
- Non-Shrink
- Hairline cracks should be opened to at least 1-2mm for ease of application
- Can be applied on damp surfaces but not on cracks with running water
- Non-staining
- UV resistant.
- For non-moving cracks up to 5-6 mm wide in plasters and walls
- Self-curing and excellent adhesion with substrates both for vertical and horizontal application

Note: Not suitable for typical stress cracks at junctions of wall and columns, lintel beam and masonry etc.



APPLICATION DETAILS

SUBSTRATE PREPARATION

Paint, latence and other poorly adhering particles must be removed. All dust, loose and friable materials and glaze or varnish of tiles must be completely removed by mechanical means. Existing coatings/ membranes have to be inspected, cleaned and mechanically ground to achieve a sound, gripping substrate.

SUBSTRATE QUALITY

Clean, sound and dry, homogeneous, free from grease, dust and loose particles.

APPLICATION METHOD

- Fine hair line cracks must be widened with 'V' groove up to 1 mm minimum and then filled
- For filling POWER CRACK FILL PASTE on the internal surface, existing POP or Wall putty must be removed till plaster surface is exposed.
- For porous surfaces, apply primer coat prepared with POWER CRACK FILL PASTE and water in 1:1 proportion over the crack.
- Fill POWER CRACK FILL PASTE when the surface is tacky and not dried completely.
- Press POWER CRACK FILL PASTE firmly into the crack with a spatula or putty knives and level with the surface
- Care must be taken to avoid formation of cavities or bubbles during application.
- Allow it set for 24 hours and then apply another coat of POWER CRACK FILL PASTE in case of sag or depression
- Further POP or PowerGrace Wall Care Putty application can be taken up once POWER CRACK FILL PASTE is fully dry
- For best results allow POWER CRACK FILL PASTE to cure for 7 days.

APPLICATION NOTES

- Pre-test for over paint ability and paint compatibility
- Color deviations may occur due to chemicals, high temperature, UV-radiation. A change in color does not influence the technical and protective performance of the product.
- Do not use POWER CRACK FILL PASTE as glass sealer, in floor joints, in sanitary joints, on marble, natural stone, in joints with permanent water immersion, in cracks more than 5mm wide and cracks in POP/Painters' putty.
- POWER CRACK FILL PASTE is not recommended for cracks in structural load bearing members, filling expansion joints or on cracks appearing at the junctions of masonry and concrete in civil engineering structures(e.g.-column and wall junction, lintel and overlying masonry junction, etc).
- Close the container tightly after application and prevent contact of material with air while not in use to prevent curing and hardening of material.

TECHNICAL DATA

Appearance	White Paste
Chemical Base	Acrylic
Density, kg/l @ 27°C	1.50±0.01
Skimming Time (+25°C / 50% r.h.)	~ 20 minutes
Curing Rate (+25°C / 50% r.h.)	~ 2 mm / 24 h
Movement Capability	10 to 15%
Service Temperature	+5 °C to +45°C
Full Curing Time	7 days at 30°C
Consumption/Coverage	1kg covers 40-50 rm(for a length of 1m, and joint size 6 mm x 6 mm average)a
Joint Configuration	Minimum joint width=1mm Maximum joint width=5-6mm Width : Depth ratio for joints upto 10 mm wide=1:1

PACKAGING

POWER CRACK FILL PASTE is supplied in a pack of 500g & 1kg air tight container.

STORAGE / SHELF-LIFE

Best before 12 months if stored properly in undamaged and unopened original sealed packaging in dry conditions and protect from direct sunlight at temperatures between +10°C and +40°C.

CLEANING OF TOOLS

Clean all tools and application equipment with clean water immediately after use.
Hardened/cured material can only be removed mechanically.

VALUE BASE

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

HEALTH & SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

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