

PERMA-CRETE PITT-FLEX® 4-1000C SERIES SMOOTH ELASTOMERIC PATCHING COMPOUND

Technical Data Sheet



Technical Specifications (21°C (70°F))

Volatile Organic Compounds (VOCs)*

According to ASTM D3960-05: 73 g/L

Color- N/A

Gloss Level- N/A

Practical Coverage- N/A

Resin Type:

Acrylic Terpolymer

Viscosity* n/a

Flammability

Flash Point Over 200°F (93°C)

Drying Time: Allow to dry 24 hours before applying finish coats.
Do not apply when relative humidity is above 90%.

*Product data calculated on 4-1001C

Product Description

PITT-FLEX® Elastomeric Patching Compound is a high technology product formulated for patching larger cracks (2 to 6 mm) in masonry and stucco surfaces. It seals and waterproofs between masonry, wood, glass, wallboard and brick. Do not use below grade or under water. For expansion joints, control joints, horizontal masonry joints and windows; use an acrylic urethane sealant or a part urethane sealant.

4-1001C-Knife Grade
4-1002C-Brush Grade

Features and Benefits

High Technology

Acrylic Terpolymer

Repairs Hairline Cracks Above Grade

Recommended Primers

Concrete Masonry Units, Masonry (Block Fillers): 4-100C, Dulux X-pert 36250

Concrete, Masonry (Primers, Sealers): Dulux Weatherguard 1535, 4-808C, 4-809C, Dulux Gripper 60000

Tilt-Up Concrete: Dulux Weatherguard 1535, Dulux Gripper 60000

General Surface Preparation

All surfaces must be firm and free of dirt, oil, grease, efflorescence, mildew, and loose material. Unsound masonry must be wire brushed or blasted for a firm surface. Dirt, loose contaminants and chalk are best removed by high pressure chemical and water blasting.

- Any chalk or porous coating not removed by pressure washing must first be sealed with an alkali resistant surface conditioner such as PERMA-CRETE Exterior Acrylic Masonry Surface Sealer 4-808C (clear), or 4-809C (pigmented, white base).
- Remove mildew by washing with 1 part chlorine bleach to 3 parts water. Before use, be sure to read and follow the instructions on the label.

Precaution: Dry sanding, flame cutting and/or welding of dry paint film will give rise to dust and/or hazardous fumes. Wet sanding should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used.

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Available at Dulux Paints Stores across Canada and Betonel-Dulux Stores in Québec

SMALL CRACKS: It is not necessary to cut out a crack measuring 0.4 to 0.8 mm. Apply PITT-FLEX Elastomeric Patching Compound over the center of the crack at a wet film thickness of 2mm. Then with a wet putty knife, a trowel or brush, "feather" the material to either side of the crack, going from 1.5 mm at the crackdown to a zero over a 50.8 mm area.

LARGE CRACKS: All voids and joints which exceed 0.7 mm should be routed out to 6.35 mm wide by 6.35 mm deep. Joint should be flushed out with water and checked to see that surface is sound and free of grinding dust. If dust is still evident after flushing, seal surface with PERMA-CRETE Exterior Acrylic Masonry Surface Sealer, 4-808C (Clear) or 4-809C (Pigmented, white base) to bind the dust to the surface. Once the joint is sound, the use of a bond breaker tape is recommended.

Stage 1: Fill the joint allowing a small crest to remain. This will compensate for any shrinkage that might occur.

Stage 2: After a minimum of 4 hours cure time, a feather cap of PITT-FLEX Elastomeric Patching Compound should be applied at a wet film thickness of 2mm. This should be placed over the centre of the filled joint and "feathered" down to zero over a 50 cm area.

Application

Application Equipment: Apply by knife, trowel or brush.

Brush: Polyester/Nylon Brush

Thinning: Apply as received.

Permissible temperatures during application:

| | | |
|------------|------------|------------|
| Material: | 10 to 32°C | 50 to 90°F |
| Ambient: | 10 to 32°C | 50 to 90°F |
| Substrate: | 10 to 32°C | 50 to 90°F |

Limitations of Use

Apply only when air and surface temperatures are above 50°F (10°C) or above for a 24 hour period. If rain or threatening weather is expected within 8 hours, delay application until dry conditions exists. Do not apply when relative humidity is above 90%. Do not use below grade or under water. For expansion joints, control joints, horizontal masonry joints and windows, use an acrylic urethane sealant.

Storage and Transportation

Keep product cool and dry.

DO NOT FREEZE

Disposal

Consult your municipality about proper disposal procedures in accordance with the laws and respect the environment or give leftover paint to someone who could use it: a neighbour or friend, a recreational service or a non-profit organization. Do not pour leftover product down the drain.

Safety Measures

Read the Material Safety Data Sheet. Avoid contact with eyes. Keep out of reach of children. Use only in well ventilated areas.

FIRST AID TREATMENT: If in contact with eyes, rinse thoroughly with clear water. If swallowed, do not induce vomiting. Call poison centre or physician immediately.

For product information call: 1-(800)-387-3663
www.dulux.ca