

PPG Architectural Coatings

PITT-FLEX® WB INTERIOR/EXTERIOR Elastomeric Patching Compound Knife Grade

## GENERAL DESCRIPTION

PITT-FLEX® Elastomeric Patching Compound is a high-technology product formulated for patching larger cracks 1.6 mm to 6.4 mm (1/16" to 1/4") in masonry and stucco surfaces. It seals and waterproofs between masonry, wood, glass, wallboard, and brick.

## PACKAGING

3.78 L &amp; 18.9 L

Not all products are available in all sizes.

## PRODUCT DATA

<b>PRODUCT TYPE:</b>	100% modified acrylic
<b>SHEEN:</b>	Smooth
<b>VOLUME SOLIDS*:</b>	72% ± 2%
<b>WEIGHT SOLIDS*:</b>	83% ± 2%
<b>VOC*:</b>	< 100 g/L
<b>DENSITY*:</b>	1.7 kg/L

\*Product data calculated on product 4-1001C.

**DRYING TIME:** Dry time @ 25°C (77°F); 50% relative humidity.  
To Topcoat: 24 hours

*Drying times listed may vary depending on temperature, humidity, colour, film build, and air movement.*

### Permissible temperatures during the 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

**CLEANUP:** Wash all equipment with warm detergent solution and rinse thoroughly with clean water.

**DISPOSAL:** Consult your municipality about proper disposal procedure of residue in accordance with the laws and respect the environment. Do not pour down a drain or storm sewer.

**FLASH POINT:** Over 93 °C (200 °F)

## RECOMMENDED SUBSTRATES

Concrete  
Masonry  
Stucco

\*See "Limitations of use"

## CONFORMANCE STANDARDS

- Complies with the Canadian Volatile Organic Compound Concentration Limits for Architectural Coatings Regulations.

## TINTING AND BASE INFORMATION

Refer to the appropriate colour formula book, automatic tinting equipment, and/or computer colour-matching system for colour formulas and tinting instructions.

4-1001C Knife Grade (Smooth)

Some colours, drastic colour changes, or porous substrates may require more than one coat to achieve a uniform finish.

## FEATURES / BENEFITS

### Features

Repairs hairline cracks above grade  
High Technology/ Acrylic Terpolymer  
Seals Concrete  
Fast drying  
Resistant to moisture and household chemicals  
Good adhesion  
Excellent Application Properties

### Benefits

Easy to patch larger cracks.  
High performance  
Minimizes moisture damage.  
Turns jobs faster.  
Extends substrates life.  
Resists peeling and cracking.  
Less time for application and resists pinholing.

## PERFORMANCE DATA

Property	Test Method	Results
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## LIMITATIONS OF USE

### PROTECT FROM FREEZING.

**Do not use below grade or under water. For expansion joints, control joints, horizontal masonry joints, and windows, use an acrylic urethane, such as TOP GUN® 400 Elastomeric Acrylic Urethane Sealant, or a one-part urethane sealant.**

Apply only when air and surface temperatures are 10°C (50°F) or above for a 24-hour period. If rain or threatening weather is expected within 8 hours, delay application until dry conditions exist. Do not apply when relative humidity is above 90%.

Allow minimum 24 hours before topcoating at 25°C (77°F) and 50% relative humidity.

## 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® Interior/Exterior Acrylic Masonry Surface Sealer 4-809C (Pigmented). To remove mildew, scrub with a solution of TSP, chlorine bleach, and warm water. Rinse thoroughly and allow to dry.

**PRECAUTION:** Dry sanding will give rise to dust and/or hazardous fumes. Wet sanding should be used wherever possible. Wear suitable respiratory protective equipment when exposure cannot be avoided by adequate local ventilation. **WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. Contact a regional Health Canada office for more information.

Before use, be sure to read and follow the instructions and warnings on the label.

**Contact your local representative for any additional surface preparation guidelines.**

**RECOMMENDED PRIMERS**

Product is self-priming. Refer to surface preparation for specific recommendations.

**APPLICATION INFORMATION**

**Small Cracks:** It is not necessary to cut out a crack measuring 0.4 mm to 0.8 mm (1/64" to 1/32"). Apply over the centre of the crack at a wet film thickness of 1.6 mm (1/16"). Then with a wet putty knife or trowel, "feather" the material to either side of the crack, going from 1.6 mm (1/16") at the crack down to a 0 mm (0") over a 5.1 cm (2") area.

**Large Cracks:** All voids and joints which exceed 0.8 mm (1/32") should be routed out to 6.4 mm (1/4") wide by 6.4 mm (1/4") 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* Interior/Exterior Acrylic Masonry Surface Sealer 4-809C (Pigmented) 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 1.6 mm (1/16"). This should be placed over the centre of the filled joint and "feathered" down to 0 mm (0") over a 5.1 cm (2") area.

Apply only when air and surface temperatures are 10°C (50°F) or above for a 24-hour period. If rain or threatening weather is expected within 8 hours, delay application until dry conditions exist. Do not apply when relative humidity is above 90%.

**PRECAUTIONS**

**MAY BE HARMFUL IF SWALLOWED. MAY CAUSE EYE AND SKIN IRRITATION.** Avoid breathing vapours, spray or mists. Avoid contact with skin and eyes. Wear protective gloves/clothing and eye/face protection. Keep out of reach of children. **FIRST AID TREATMENT:** If swallowed, call a Poison Control Centre or doctor immediately. If in eyes or on skin, rinse well with water. If breathed in, move person to fresh air. Contains: limestone; titanium dioxide; ethanediol; crystalline silica, respirable powder (<10 microns). Sanding and grinding dusts may be harmful if inhaled. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Contains isothiazolinones. May cause allergic reaction. Keep container tightly closed and sealed until ready for use. For workplace use, an SDS is available from your retailer or by calling 1-800-463-7426. EMERGENCY SPILL INFORMATION: 514-645-1320.

**LIMITED WARRANTY**

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