

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.

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**

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

PPG Architectural Coatings Canada, Inc. warrants performance of its products to its intended use if properly applied in accordance with the label directions and the specifications of the technical data sheet. Having no control over the application methods and conditions or the circumstances related to its use, no other warranty, expressed or implied, statutory or otherwise is given. This limited warranty extends only to the original purchaser of the product and is not transferable or assignable. If the product fails to conform to this limited warranty, we will, at your option, furnish replacement product or refund the purchase price. This limited warranty excludes (1) labour or costs of labour for the application or removal of any product and (2) all other direct, indirect, incidental, special, or consequential damages.

The *PPG Logo* is a registered trademark of PPG Industries Ohio, Inc. *Perma-Crete*, *Pitt-Flex*, and *Top Gun* are registered trademarks of PPG Architectural Finishes, Inc.

PPG Architectural Finishes, Inc. believes the technical data presented is currently accurate; however, no guarantee of accuracy, comprehensiveness, or performance is given or implied. Improvements in coatings technology may cause future technical data to vary from what is in this bulletin. For complete, up-to-date technical information, visit our web site or call 1-866-660-2220.



PPG Industries, Inc.
Architectural Coatings
One PPG Place
Pittsburgh, PA 15272
www.ppgpaints.com

PPG Architectural Coatings Canada, Inc.
1550 rue Ampère, Suite 500
Boucherville (Quebec), J4B 7L4

Technical Services: 1 866 660-2220
Fax: 1 800 278-8893

Architect/Specifier
1-888-PPG-IDEA