

PRODUCT DESCRIPTION

Generic: Epoxy based semi-rigid joint filler

General Description: A 100% solids, two-component, epoxy based semi-rigid joint filler used to fill control and expansion joints.

Typical Uses: DEVFLOOR 575 is designed specifically to fill control joints and saw cuts in concrete and flooring systems. Special semi-rigid formulation allows heavy steel wheeled traffic without chipping or spalling joint edges.

SPECIFICATION DATA

Color: Gray

Clean Up Solvent: Xylene

Weight/Gallon: 10.1 lbs./gal.

VOC (EPA 24): 10 g/l

Solids By Volume (ASTM D 2697-7 days): 100%

Theoretical Coverage:

Joint Size	Linear Feet per Gallon
1/8 x 1/8 in.	1232
1/8 x 1/4 in.	616
1/8 x 1/2 in.	308
1/8 x 1 in.	154
1/8 x 2 in.	77
1/4 x 1/4 in.	308
1/4 x 1/2 in.	154
1/4 x 1 in.	77
1/4 x 2 in.	38.5
1/2 x 1/2 in.	77
1/2 x 1 in.	38.5
1/2 x 2 in.	19.25

Recommended Film Thickness: Generally 1/8" to 2"

Systems: Please consult the appropriate system guide, the particular job specification or your ICI Paints' Representative for proper systems using this product. Systems must be selected considering the particular environment involved.

Mixing Method: Low speed with "jiffy" mixer

Application Method: Pourable or professional quality caulk gun

Thinner: DO NOT THIN

Pot Life: 35 minutes @ 75°F (23°C) & 50%RH

Cure Rate (@ 75°F (23°C) & 50%RH):

- 6-8 hrs. - Foot traffic
- 18 hrs. - Light traffic
- 72 hrs. - Heavy traffic

Recoat Time (@ 75°F (23°C) & 50%RH): Not Applicable

Shelf Life: 1 year in unopened containers

FEATURES

Advantages:

- 100% solids system - low odor
- Simple one to one ratio
- Non shrinking
- Prevents joint edge deterioration

PERFORMANCE DATA

PROPERTY	TEST METHOD	RESULTS
Hardness (Shore A)		84
Hardness (Shore D)		56
Abrasion Resistance	Tabor Abraser CS-17 wheel 1000 cycles, 1000-gram load	25 mg max loss
Flammability	ASTM D-635	Film is Self Extinguishing
Tensile Elongation	ASTM D-638	50%
Tensile Strength	ASTM D-307	3,300 psi
Compressive Strength	ASTM D-579	9,860 psi

GENERAL SURFACE PREPARATION

All surfaces must be sound, dry, clean, free of oil, grease, dirt, mildew, curing compounds, loose and flaking paint and other foreign substances. Clean joints with wire brush and blow or vacuum clean.

WARNING! If you scrape, sand or remove old paint from any surface, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO

AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to www.epa.gov/lead.

Consult Surface Preparation Guide Supplement for further surface preparation information.

DIRECTIONS FOR USE

Mixing: Important! Coating has a limited pot life of approximately 35 minutes @ 75°F (23°C) and 50% R.H. Ensure surface is prepared and ready for immediate application, and all components and additives are ready for mixing.

1. The Part "B" Base must be thoroughly mixed prior to the addition of Part "C" Converter.
2. Carefully empty equal quantities of DEVFLOOR 575 Base and DEVFLOOR 575 Converter into a suitable sized container.
3. Mix with a very low speed jiffy mixer, until completely blended. This will take at least 3 minutes.
4. Since this product does not need any induction time, it should be used immediately after mixing.

Application:

1. For best results, completely fill joints and do not use backer rod. In concrete, a 1/8" to 1/4" layer of silica sand may be used to prevent seepage through shrinkage cracks in the joint.
2. Product may be applied by pouring directly into the joint or by using a professional quality caulk gun.

3. First, fill joint to approximately 1/2" of the top.
4. Allow material to cure for at least 30 minutes and then apply a second layer flush with the floor.
5. If only one application is to be used, over-fill the joint and then grind or shave the joint flush.

Note: This product is designed to be used as is and therefore thinning or reducing with solvents is not recommended.

Pot Life: The pot life on this product is approximately 35 minutes at 75°F (23°C) and 50% R.H. High temperature and high humidity will accelerate curing and reduce pot life. Since this is not a solvent based system the pot life is relatively short. Do not mix more kits of material than can be used within this period of time.

Recommended for use by Professional Floor/Floor Coating Applicators only.

PRECAUTIONS

WARNING! CORROSIVE. CAUSES EYE AND SKIN BURNS. HARMFUL OR FATAL IF SWALLOWED. ASPIRATION HAZARD-CAN ENTER LUNGS AND CAUSE DAMAGE. HARMFUL IF INHALED. MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS, INCLUDING DIZZINESS, HEADACHE OR NAUSEA. CAUSES RESPIRATORY TRACT IRRITATION. MAY CAUSE ALLERGIC SKIN AND RESPIRATORY REACTION. OVEREXPOSURE MAY CAUSE LIVER DAMAGE. CONTAINS CRYSTALLINE SILICA WHICH CAN CAUSE LUNG CANCER AND OTHER LUNG DAMAGE IF INHALED. USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF THE REACH OF CHILDREN. For emergency information call (800) 545-2643. **Note: These warnings encompass the product series. Prior to use, read and follow product-specific MSDS and label information.** If sanding is done, wear a dust mask to avoid breathing of sanding dust. Do not breathe vapors or spray mist. Ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, leave the area. If properly used, a respirator may offer additional protection. Obtain professional advice before using. Close container after each use. **FIRST AID:** In case of skin contact, wash thoroughly with soap and water. If any product remains, gently rub petroleum jelly, vegetable or mineral/baby oil onto skin, then wash again with soap and water. Repeated applications may be needed. Remove contaminated clothing. For eye contact, flush immediately with large amounts of water, for at least 15 minutes. **Obtain emergency medical treatment.** If swallowed, **obtain medical treatment immediately.** If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs, **get medical help.**

KEEP FROM FREEZING.

DS356-0303

SHIPPING

Flash Point: 200°F (93°C)
Packaging: 2 gallon kit (7.57 L)
 1 gallon base
 1 gallon converter

Shipping Weight: 2 gallon kit - 20 lbs. (9.1 kg)

575B2095/575C0903 (7/03)
 Ad Stock #67063A



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