

Durex® Epotel 100 Joint & Crack Filler

Epoxy Flooring Joint and Crack Treatment Compound

Description	Durex® Epotel 100 Joint & Crack Filler is a two-component, solvent-free (100% solid) rapid-curing flexible epoxy joint-and-crack-filling compound for concrete floors.
Uses	Durex® Epotel 100 Joint & Crack Filler is suitable for filling cracks and non-moving construction joints for interior floors. It can also be used as a non-drip adhesive for masonry, wood and metal substrates.
Ideal For	<ul style="list-style-type: none"> · Parking garage restoration · Filling and repairing cracks on concrete floors · Creating coving and detailing bases
Features	<ul style="list-style-type: none"> · 100% solids, zero VOC · Resistant to most chemicals · Remains flexible over a wide range of temperatures · Easy to use

TECHNICAL DATA

PHYSICAL PROPERTIES

Colour	Neutral
Resin Type	Epoxy
Mix Ratio	Part A (resin): Part B (catalyst) 1:1 by volume
Cure Time @ 23°C (75°F), 50% RH	12 hours
Gel Time @ 23°C (75°F)	30 – 35 minutes
Reducer/Clean-up	Xylene

PERFORMANCE PROPERTIES

PERFORMANCE PROPERTIES	TEST METHOD	RESULTS
Percent Solids	ASTM D7232-06	100% (vol.)
V.O.C.	ASTM D3960-05	Zero
Specific Gravity (Part A + B)	ASTM D333	1.30 ± 0.02 g/L
Tensile Strength	ASTM 695-85	2,000 psi; 6.14 MPa
Elongation	ASTM D638-86	50%
Flexural Modulus	ASTM D790-86	525 psi
Abrasion Resistance	ASTM D4060-90	500 mg weight loss @ RT CS-17 wheel
Impact Test	ASTM D2794	Gardner – Direct: 160 in/lb Gardner – Reverse: 80 in./lb
Shore D Hardness		65-70

Packaging	Durex® Epotel 100 Joint & Crack Filler is packaged in 3.78 L (1 gal) pails.
Storage Conditions	Store Durex® Epotel 100 Joint & Crack Filler in a dry, vented, waterproof location, stacked off the ground, out of direct sunlight and other detrimental conditions. Store liquid materials in ambient temperatures above 10 degrees C and below 35 degrees C. KEEP FROM FREEZING.
Surface Preparation	Surface area of crack must be mechanically abraded, clean and dry. Hard and glossy surfaces must be abraded to improve adhesion of Durex® Epotel 100 Joint & Crack Filler.
Application	THOROUGHLY MIX PRIOR TO USE. DO NOT DILUTE WITH WATER OR OTHER ADDITIVES. Prepare a test patch to verify the effectiveness of the cleaning process, and to check product adhesion to the surface. Pour 1 part by volume of Part “A” (resin) in a container and 1 part by volume of Part “B” (catalyst). Blend the mixture for at least 2 minutes if power mixer is used. Once mixed, Durex® Epotel 100 Joint & Crack Filler must be applied within 20 minutes. DO NOT MIX PART “A” WITH PART “B” UNTIL YOU ARE READY TO BEGIN APPLICATION.
Clean-Up	Wash all tools and equipment immediately after use with warm water and mild detergent.

Maintenance	Regular cleaning will maintain these systems in serviceable condition. However, certain textures and service environments require specific procedures. Contact Durabond Technical Services for further information.
Health and Safety	Use under well-ventilated conditions with appropriate respirator approved for organic vapours and rubber gloves when handling the product. Avoid contact with eyes and prolonged contact with skin. If contact occurs, flush immediately with water and seek medical attention if irritation occurs. Harmful if swallowed. Do not induce vomiting. Drink 1-2 glasses of water or milk. Keep product out of reach of children. Read published Material Safety Data Sheet for additional information.
Warranty	Durabond warrants this product is free of manufacturing defects, and will replace at no charge, provided it has been applied within 12 months of purchase, it has been installed for uses suitable for this product and in accordance with the manufacturer's instructions.
Technical Services	Technical support is available upon request at info@durabond.com . For the latest version of this data sheet, please visit our website at www.durabond.com , call toll free at 1-877-DURABOND (387-2266) or speak with your Durabond Technical Coatings Ltd sales representative.



Technical Coatings Ltd

HEAD OFFICE
 55 Underwriters Road
 Scarborough, ON M1R 3B4
 T 416.759.4474 F 416.759.4470

MISSISSAUGA
 6178 Netherhart Road
 Mississauga, ON L5T 1B7
 T 905.565.9283 F 905.565.9365

EDMONTON
 14345 120th Avenue
 Edmonton, AB T5L 2R8
 T 780.451.6364 F 780.453.9056

INFO@DURABOND.COM

WWW.DURABOND.COM

1.877.DURABOND (387.2266)

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