

Ply-Guard Plug

Technical Bulletin

Ply-Guard Plug is a fast setting, low viscosity, two-component 100% solids, modified polyurethane sealant and adhesive. It is designed to fill in voids in control joints, cracks, and spalled/pitted areas regardless of depth.

Features

- Cures in a Thin Mass When Addressing Concrete Spalling or Pitting
- Easily Dispensed Through Our 1:1 Cartridges and Static Mixing Tube
- Excellent Impact Resistance
- Excellent Thermal Shock Resistance
- Excellent Adhesion to Various Substrates
- Reduced Installation Time and Labor
- Resistant to Freeze-Thaw Changes
- Economical with High Quality

Key Applications

- Patching Material in Concrete
- Waterproofing Cracks in Concrete Decks and Roadways
- Control Joints in Warehouse Floors



Physical Data Typical properties, not intended for specifications

Appearance @ 25°C			
	Part "A"	Part "B"	Mixed
Color	Lt. Amber	Lt. Straw	Tan
Viscosity, cps	600 ± 25	500 ± 25	450 ± 25
Wt./Gal., lb	8.31 ± 0.1	10.17 ± 0.1	9.23 ± 0.1
Ratio & Cure			
Mix Ratio	1 Part "A"	1 Part "B"	By Volume
	100 "A"	121 "B"	By Weight
Cure	Gel Time @ 25°C		1.5–3 Min
Thixo-Time	20–30 Sec	At 25°C in 50 Gram Mass	
Properties with Binder Only			
Percent Elongation	1		ASTM D412
Tensile Strength, psi	4,000		ASTM D412
Tear Strength, pli	284		ASTM D624
Shore D Hardness	65 ± 5 Min		ASTM D2240

Workable from 32-100 °F

Shelf Life: One year in the original, unopened containers

Storage: Store between 65 – 90°F

Packaging: Dual Cartridges, 5's, 55's, or totes

For health and safety information, please refer to the SDS.

KEEP OUT OF REACH OF CHILDREN

Laboratory Reference No.: PCX 44-55-1

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