



Deckguard® Repair Caulk

Deckguard® Repair Caulk is a two-component, 100% solids polyurethane/polyurea-based caulking compound. Deckguard® Repair Caulk is a self-leveling elastomer designed to repair small areas of Deckguard membrane that have been damaged due to sharp force trauma or similar event resulting in a break in the membrane. This elastomer displays fast cure times and excellent adhesion to concrete. Deckguard® Repair Caulk can be applied at temperatures ranging from 20°F to 180°F.

Typical Properties

Property - Poured Slab	Method	Result
Tensile Strength (PSI)	ASTM D412-06	2800
Elongation (%)	ASTM D412-06	265
100% Modulus	ASTM D412-06	1590
Tear Strength (PLI)	ASTM D412	500
Hardness (Shore D)	ASTM D2240-05	54D
Flexibility (1/8 "Mandrel)	ASTM D1737	Pass
Flashpoint (°F)	ASTM	>200

Pensky-Martin

Taber Abrasion (mg loss) CS18 Wheel 1 kg per 1000 cycles	ASTM D4060	25	
Viscosity	B Side	CPS	1200
Viscosity	A Side	CPS	340

Application Equipment

This material may be applied using a plural component pump (2:1 or by volume), or by plural component cartridges.

Surface Preparation

The area of membrane immediately adjacent to the repair area is to be mechanically abraded using either sandpaper, grinding or rasping for a minimum of 2" from edge of repair. The repair area is to be thoroughly cleaned with acetone before the application of the Deckguard® Caulk. The repair area will be mechanically roughened and widened sufficiently to receive the caulk.

Mixing

The cartridge is to be loaded into an appropriate caulking gun that will accommodate a double cartridge with a 2:1 ratio. A static butterfly mixing tube will be attached to the end of the cartridge to facilitate a complete mix of part A and part B before discharge.

Application

A sufficient mixed Repair Caulk will be extruded from the caulking assembly to be applied into the repair and surrounding area. A minimum overlap 1" of caulk is to be applied to repair area. The repair is to be left undisturbed for a minimum of 2 hours before being exposed to traffic.

Other Applications

Deckguard® Caulk may be used for minor repairs in Deckguard® Membrane by following the surface, mixing and application procedures outlined above.