



EPOXY ADHESIVE FOR WIDE VOID GROUTING, JOINT FILLING, AND ANCHORING ON WET OR UNDERWATER SURFACES

DESCRIPTION

CrownFlex UW, Product No. 126 is a 100% solids, moisture-insensitive, non-shrink, gel consistency, two-component modified epoxy adhesive formulated to be placed in confined areas such as wide voids or cracks, and cure and adhere under damp, wet or underwater conditions.

WHERE TO USE

Use an Neat Adhesive for Joint Filling, Bonding or Grout for:

- Wet, Splash Zone and Underwater Areas
- Concrete Wide Crack Repair
- Wide Void Grouting
- Anchoring
- Wood Crack Repairs
- Joint Filling in Stone, Wood or Concrete
- Salt or Fresh Water

ADVANTAGES

- Excellent Working Time
- Cures and Adheres on Dry, Wet or Underwater Surfaces
- Excellent Structural Bond & Fast Cure
- Applicable and Curable down to 40°F (5°C)
- Excellent Strength Properties
- High Vibration Resistance
- Excellent Chemical Resistance for Wet Floor and Containment Areas.

TYPICAL DATA FOR CrownFlex UW

(Material and Curing Conditions at 73°F(23°C) unless noted, 50% R.H.)

COLOR	Straw	CONSISTENCY	Gel
POTLIFE	50-60 minutes		
TACK-FREE TIME			
Substrate Temperature	*40°F(5°C)	73°F(23°C)	
90°F(32°C)			
½ x ½ in. mass	12-14 hrs.	7-8 hrs.	5-6 hrs.
TENSILE PROPERTIES (ASTM D 638) 14 Days			
Tensile Strength, psi (MPa)		2,300 (15.8)	
Elongation at Break		40 - 80 %	
FLEXURAL PROPERTIES (ASTM D 790) 14 Days			
Flexural Strength, psi (MPa)		2,600 (18.0)	
COMPRESSIVE STRENGTH (ASTM D 695)			
	* 40°F(5°C)	73°F(23°C)	90°F (32°C)
1 day, psi (MPa)	2,900 (20.0)	4,400 (30.3)	5,400 (37.2)
14 days, psi (MPa)	6,400 (44.1)	6,400 (44.1)	6,800 (46.9)
WATER ABSORPTION (ASTM D 570)			
24 hours		0.77%	
DEFLECTION TEMPERATURE (ASTM D 648) 14 DAYS			
Fiber Stress Loading =	264 psi (1.82 MPa)		125°F (52°C)
SHELF LIFE 1 Year in original unopened containers.			
PACKAGING 6 - Two Component Cartridges/Case			
	Each Cartridge Contains 40 in ³ (655 cm ³)		
	1 to 1 Volume Mix Ratio		
	Each Cartridge is Packaged with a Static Mixer		
	Use Crown Polymers Dual Cartridge Dispensing Tool 3, Product No. SP 650		
* Pre-conditioned epoxy to 90°F (32°C) before mixing.			