

## *Flexible Joint Filler*



Rubbercrete<sup>®</sup> is a composite mix of a premium quality, two-component, polysulfide epoxy urethane resin and blended, crumb rubber for filling expansion joints and large moving cracks in bridge decks and other concrete structures.

### *Features and Advantages*

- High Flexibility
- Cured Material Stretches Up to 100%
- Strong Bonding to Steel, Concrete & Composites
- Strong Chemical and Thermal Resistance
- Fast Cure
- Easy Single Application
- Low Odor and Volatility

Rubbercrete's high flexibility and strong bond can accommodate up to 100% tensile elongation thereby facilitating safe joint movement caused by thermal cycles and traffic loading. Rubbercrete<sup>®</sup> is completely impervious and will prevent any ingress of moisture, chlorides, salts, and other corrosion inducing substances.

## Applications

Application of Rubbercrete<sup>®</sup> requires minimal labor and no specialized equipment. The use of Rubbercrete<sup>®</sup> reduces the permeability of the joint while facilitating expansion and contraction of the superstructure caused by thermal and mechanical loading. For more information, please refer to the technical data sheet.

Uses for Rubbercrete<sup>®</sup> include:

- Bridge Decks
- Concrete Roads
- Parking Garages
- Aircraft Runways and Hangars

## Physical Properties\*

Filled System	Unit of Measure	Test Method
Resin (A/B) Ratio	2:1 by volume	
Resin/Filler Ratio	1:1 by weight	
Density	62.8 lb/ft <sup>3</sup>	ASTM D-2849
Compressive Strength**	800 psi (75% deformation)	ASTM D-1621
Compressive Modulus**	20,000 psi	ASTM D-1621
Tensile Strength**	300 psi	ASTM D-638
Tensile Elongation**	100%	ASTM D-638

\* To be used as general guidelines only

\*\* Minimum



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