

Devcon HV Tile Adhesive

Epoxy; Epoxide

Devcon

Message:

High-strength towelable adhesive compound designed for bonding ceramic tile to vertical, curved and overhead surfaces and repairing ceramic tile surfaces.

Intended Use:
Bonding ceramic tle to vertical, curved and overhead surfaces.

Product Features:
Non-sagging adhesive that will support 4 lbs. per square foot while curing
Fills gaps and joints in crushers prior to pouring backing compounds
Excellent adhesion to metal, ceramic and concrete
Easy to use 1:1 formula

General Information			
Features	High strength		
	Good adhesion		
Uses	Repair Materials		
	Bonding		
	Adhesive		
Appearance	Grey		
Physical	Nominal Value	Unit	Test Method
Specific Volume	0.686	cm ³ /g	
Solid content-by Volume	100	%	
Temperature Resistance	93	°C	
Tensile Shear Adhesion	12.6	MPa	ASTM D1002
Density ¹	1.40	g/cm ³	
Molding Shrinkage - Flow	0.10	%	ASTM D2566
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	81		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5520	MPa	ASTM D638
Flexural Strength	37.2	MPa	ASTM D790
Compressive Strength	81.4	MPa	ASTM D695
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow	2.5E-5	cm/cm/°C	ASTM D696
Thermal Conductivity	0.52	W/m/K	ASTM C177
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	13	kV/mm	ASTM D149
Dielectric Constant	45.0		ASTM D150
Thermoset	Nominal Value	Unit	Test Method

Thermoset Components			
Mixing ratio by weight: 1.1			
Component a			
Mixing ratio by capacity: 1.0			
Mixing ratio by weight: 1.0			
Component B			
Mixing ratio by capacity: 1.0			
Pot Life (24°C)	35	min	
Additional Information	Nominal Value	Unit	Test Method
Cured 7 days @ 75°F			
Uncured Properties	Nominal Value	Unit	Test Method
Curing Time	8.0	hr	
NOTE			
1.	Cured		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material


Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT