

DESCRIPTION

Tile Stone 100 is a two-component epoxy adhesive. It is 100% solids, and water-cleanable. This adhesive compound is for setting of ceramic tile on horizontal or vertical surfaces.

PROPERTIES

- 100% Solids
- For both horizontal and vertical applications
- Uncured product can be washed off with water

TYPICAL PROPERTIES AS SUPPLIED					
Composition		Resin	Hardener	Mixed	
Mix ratio by weight		3	1	-	
Aspect		Thick paste	Thick paste	Thick paste	
Color		Grey	Beige	Grey	
Viscosity at 25°C	(mPa.s)	ASTM D2196	1,500,000	500,000	1,250,000
Density at 25°C	(lbs./gal.)		13.7	12.2	13.3
Specific gravity at 25°C			1.64	1.46	1.59
Pot life at 25°C (500g)	(min)		-	-	> 120

TYPICAL PROPERTIES OF CURED PRODUCT ⁽¹⁾			
Hardness	ASTM D2240	Shore D	80
Compressive modulus	ASTM D685	psi/(MPA)	167,000/(1,200)
Compressive strength	ASTM D685	psi/(MPA)	4,400/(30)
Tensile modulus	ASTM D638	psi/(MPA)	298,000/(2,100)
Tensile strength	ASTM D638	psi/(MPA)	900/(6)
Lap shear strength	ASTMD1002	psi/(MPA)	2,100/(15)
Coefficient of Thermal Expansion		ppm/°F/(°C)	29/(52)
Glass Transition	ASTM E1545	°F/(°C)	136/(58)

⁽¹⁾ Average values obtained on standard specimens cured 7 days at 25°C (77°F).



Tile Stone 100

Epoxy Tile Setting Adhesive

Preliminary Technical Data Sheet

STORAGE CONDITIONS

Shelf life is twelve (12) months when stored at 25°C (77°F) in original, unopened containers.

HANDLING PRECAUTIONS

Possibly irritating to the respiratory system and to skin. Always wear appropriate personal protection. Avoid fumes, use only in a well ventilated area. If skin contact occurs, wash immediately with soap and water; if irritation develops contact a physician. In the event of an eye splash, wash the contaminated eye with water for at least 15 minutes and immediately seek medical help. If ingested, contact a physician.

Consult the MSDS for further information.

GUARANTEE

The information presented in this technical data sheet are based on results of tests conducted under laboratory conditions. It is the responsibility of the user to determine the suitability of AXSON products, under their own conditions before commencing with the proposed application. AXSON refuses any guarantee concerning the compatibility of a product with any particular application. AXSON disclaims all responsibility for damage from any incident which results from the use of these products. The guarantee conditions are regulated by our general sale conditions.