

DESCRIPTION

Suitable for bonding a variety of materials including composite boards such as Prolab 65, Lab 850, Lab 1147 and Lab 1151. Embedding and anchoring of metal rods on hollow or full supports, bonding of decorative elements : facing, tiles etc..., bonding of concrete prefabricated elements (pipes...), reinforcements and repairing of structures

PROPERTIES

- 2 component room temperature cure epoxy adhesive
- Flowable liquid product suitable for thin bond lines
- Fast setting product suited to reduce assembly time
- Excellent mechanical performance

PHYSICAL PROPERTIES				
Composition		RESIN	HARDENER	MIXED
Mix ratio by weight		100	98	
Mix ratio by volume at 25°C		100	100	
Color		Light blue	Light amber	Translucent white
Viscosity at 25°C (mPa.s)	BROOKFIELD LVT	14,500	13,500	14,000
Specific gravity at 25°C (g/cm ³)	ISO 1675 : 1985	1.15	1.13	1.15
Pot life at 25°C on 100 g (min)	Gel Timer TECAM			6 - 8

THERMAL AND MECHANICAL PROPERTIES (1)				
Hardness		ASTM D-2240	Shore D1	85
Lap shear		ASTM 1002-78	psi (MPa)	3,400 (23)
Glass transition temperature (tg)		ASTM E-1545	°F (°C)	113 (45)

SUBSTRATE PREPARATION

The item to be bonded must be free of all dirt, oil or other foreign matter. A clean, dry and roughened surface is required. Consult our Technical Support and refer to the technical data sheet about surface preparations to choose adapted degreaser or cleaner



HANDLING PRECAUTIONS

It is recommended to use the product at a temperature between 66 – 95°F (18 -35°C). Normal health and safety precautions should be observed when handling these products :

- *ensure good ventilation*
- *wear gloves and safety glasses*
- *wear waterproof clothes*

For further information, please consult the product safety data sheet.

STORAGE CONDITIONS

Shelf life of Flo-Gel 900 is 12 months stored in its original unopened packaging at a temperature between 59 – 77°F (15 - 25°C).

GUARANTEE

The information contained in this technical data sheet result from research and tests conducted in our Laboratories under precise 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 guarantee the conformity of their products with their specifications but cannot guarantee the compatibility of a product with any particular application. AXSON disclaim all responsibility for damage from any incident which results from the use of these products. The responsibility of AXSON is strictly limited to reimbursement or replacement of products which do not comply with the published specifications.