

DESCRIPTION

Laminating of felt for the reinforcement and replacement of vertical and/or underground pipes with a polymerization without heating.

CHARACTERISTICS

- Room temperature polymerization
- Easy impregnation

PHYSICAL PROPERTIES				
		RESIN EPO 9052	HARDENER EPO 9052 BE	MIXED
Mix ratio by weight		100	46	
Mix ratio by volume at 25°C		100	50	
Aspect		liquid	liquid	liquid
Colour		transparent	blue	Blue
Viscosity (mPa.s) 25°C	BROOKFIELD LVT	1450	500	1000
Specific gravity at 25°C	ISO 1675 : 1985	1.16	1.06	-
Specific gravity of cured product at 23°C	ISO 2781 : 1996	-	-	1.16
Pot life at 25°C on 120g (min)	TECAM			20

MECHANICAL AND THERMAL PROPERTIES (1)			
Hardness	ISO 868 : 2003	Shore D1	87
Glass transition temperature (Tg)	ISO 11357 : 2002	°C	75
Flexural modulus	ISO 178 : 2001	MPa	3350
Flexural strength	ISO 178 : 2001	MPa	135

(1) Average values obtained on standard specimens of pure resin (without reinforcements) /
Hardening 16 hours at 80°C.

PROCESSING CONDITIONS

After mixing according to the indicated ratio, impregnate the reinforcement (polyester felt...). In order to ensure a good impregnation, it is preferable to use the product stocked at a temperature higher than 15°C. Physical properties are guaranteed for a room temperature range between 18°C and 25°C. Apart from this temperature range, viscosity and reactivity variations will be noticed.

Maximal polymerization time:

Temperature	7°C	18°C	25°C
On 4-5 mm polyester felt	< 18h	< 4h	< 150 min
On 2 mm pure resin	< 24h	< 5h	< 200 min

HANDLING PRECAUTIONS

Normal health and safety precautions should be observed when handling these products :

- *Ensure good ventilation,*
- *Wear gloves, safety glasses and waterproof clothes.*

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

STORAGE CONDITIONS

Shelf life of both parts is 24 months in a dry place and in their original unopened containers at a temperature between 15 and 25°C.

Any open can must be tightly closed under dry and inert gas (nitrogen, etc).

Under 10°C, crystallization can occur with a reversible possibility by heating at 60°C.

PACKAGING

	RESIN	HARDENER
	1 x 8 kg	1 x 3.7 kg
	1 x 15 kg	1 x 6.1 kg

GUARANTEE

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