



# P26 POLYFIBRE SOFT TX



## LOW SHRINKAGE ADHESIVE – FILLER

### Description

Based on unsaturated polyester resins, glass fibers and mineral fillers.

### Main features

- no vertical dripping
- very easy to apply by spatula
- good flexibility.

### Recommended applications

P26 is specifically-formulated for the production and repair of FRP parts. It is excellent when used for:

- filling of edges and curves of medium-small radius
- assembling of FRP parts.

### Hardeners

P26 is two-component and must be mixed thoroughly with the specific liquid hardener MEKp (methyl ethyl ketone peroxide).

### Catalysis ratio

P26 must be mixed with a percentage of hardener considering the current room temperature where it will be used.

Never work at temperatures below 5°C.

Catalysis and temperature	MEKP liquid hardener
Between 5 and 10° C	3.0%
Between 10 and 20 °C	2.0%
above 20 °C	1.0%

### Properties

After application, the properties vary according to the type of hardener used and the working temperature. At 20°C, the specifications of P26 are illustrated in the table below.

P26 with 2% Liquid hardener MEKP		
Properties	u.m.	Value
Colour	-	neutral
Gel time	min	65 ± 15
Specific weight	kg/L	1.40 ± 0.05
Linear shrinkage <sup>1</sup>	%	0.3
Shore Hardness D	D	73
Tg (after 2 h at 80°C) <sup>2</sup>	°C	91
HDT(after 2 h at 80°C) <sup>3</sup>	°C	64
Flexural Modulus (after 2 h at 80°C) <sup>4</sup>	MPa	5939

### Packaging

P26 is supplied in:

- 25 kg pails (net weight).

### Storage

Store in the original, sealed packaging at a temperature below 20°C. Do not expose to heat or sunlight. The product will remain stable for 1 year from the date of production in these conditions.

<sup>1</sup> After 2h at 80°C.

<sup>2</sup> TEST DSC at 20°C/min in N<sub>2</sub>, ISO 11357

<sup>3</sup> TEST DMA, ASTM D648-01

<sup>4</sup> DMA, ASTM E1640.