

CompositePatch[®]

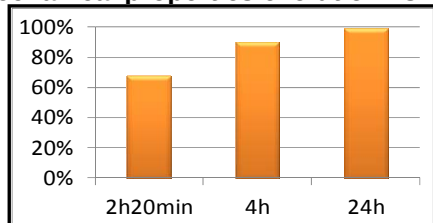
by apITec



CARBON FIBRE	COMPLEX SHAPES
Tape: biaxial	Weight: 400 g/m ²
Width: 21 +/- 1 cm	Length: 50 +/- 2 cm
Under water cure capable system	Glass transition T _g : 65° C

PROPERTY	STANDARD	UNITS	VALUE
Lam. Compression Modulus	UNE-EN ISO 14126	GPa	92,54
Lam. Compression Strength	UNE-EN ISO 14126	MPa	100,52
Laminate ILSS	UNE-EN ISO 14130	MPa	18,10
Tensile strength	UNE-EN ISO 527	MPa	111,10
Tensile Modulus	UNE-EN ISO 527	GPa	11,12

Mechanical properties evolution vs Time



90% of the properties are obtained after 4h at 25° C.
Time measures for 1 mm thickness test sample

Temperature (° C)	Gel time (hh:mm)
5° C	1h 20min
10° C	50min
22° C	35min
30° C	15min

Gel time measures according to ISO 2535 70 gr @ 23°C in air

HOW TO USE

REMOVE CLIP n° 1	MIX UNTIL COLOR IS HOMOGENEOUS	REMOVE CLIP n° 2	USE CLIP TO SPREAD THE RESIN ALL OVER THE FIBRE	CUT & OPEN THE PLASTIC	APPLY

HEALTH AND SAFETY

It is advised to follow basic rules such as avoiding skin contact, wear masks when producing dust. Please read our standard health and safety sheet for more information.



The data provided in this document is the result of tests and is believed to be accurate. We do not accept any responsibility over the mishandling of these products and our liability is limited strictly to the value of the products we manufacture and supply.

For more information, please visit us at: www.compositepatch.com