

Carbocomp Textile 300

Description	Unidirectional carbon fiber textile with carbon fibers in the longitudinal direction. This textile is protected against pollution by a membrane.
Where to use	<p>Increase of the bearing capacity of columns for bridges and buildings.</p> <ul style="list-style-type: none"> • Increase of the shear strength of beams for example, in the following cases: • Repair of the original bearing capacity, like after a fire or corrosion of the rebar's. • To increase the load bearing capacity of beams and columns. • To repair errors during construction.
Advantages	<ul style="list-style-type: none"> • High tensile strength and stiffness • Easy to apply. • Very little creep. • Flexible in use. • Excellent corrosion, acid and alkali resistance. • High durability.
Properties	
Weight (g/m ²)	200 - 230 - 300 400 - 530 - 600
Thickness* (mm)	0.11 - 0.13 - 0.17 0.25 - 0.29 - 0.34
Roll width	500 mm
Roll length	50 m
Tensile strength	4900 MPa
Stiffness	240 GPa
Max. elongation	2.1 %
Water absorption	< 0.1 % by weight
Application temp.	-40 °C till +130 °C
Packaging	150 m. roll
Shelf life & Storage	Unlimited if stored in appropriate conditions .
Health and Safety	<ul style="list-style-type: none"> • Use goggles, gloves and a breathing mask when applying. • Apply forced ventilation in confined spaces. • Remove splashes from skin with hand cleaner or soap and water. • Eye splashes to be washed with plenty of water. • If ingested seek medical advice.
Additional Information	<ul style="list-style-type: none"> • PROKEM provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure. • PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction. • PROKEM reserves the right to change the properties of its products. • All orders are accepted subject to our current term of sale & delivery. • Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request. • PROKEM extends technical services to include after sales support to assist users' in a proper handling of our products.