

Carbocomp Laminate

Ready to Use Carbon Fiber Laminate

Description	It is a ready to use; pultruded carbon fiber laminates which provide a high tensile strength and are excellent for supplemental flexural and shear reinforcement of concrete, timber and masonry they are externally bonded using Epoxy Adhesive CFL
Where to use	<ul style="list-style-type: none"> • Walls, beams and slabs. • Repairs due design or construction defects. • Seismically or corrosion –damaged structures.
Advantages	<ul style="list-style-type: none"> • Increase the load bearing capacity. • Increase in structure fatigue strength. • Limit and assist in crack control. • Reduce deflection due to working loads. • Less and faster maintenance.
Properties	
Thickness	1.2 - 1.4 mm.
Width	50 - 150 mm.
Density	1.6 g/cm ³
Modulus of elasticity	165 - 210 GPa
Ultimate Tensile strength	2800 – 3000 N/mm ²
Elongation	1.2 - 1.7 %
Packaging	100 m Rolls
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	<p>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.</p> <p>PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range for our customer's satisfaction.</p> <p>PROKEM reserves the right to change the properties of its products.</p> <p>All orders are accepted subject to our current term of sale & delivery.</p> <p>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.</p> <p>PROKEM extends technical services to include after sales support to assist users in a proper handling of our products.</p>