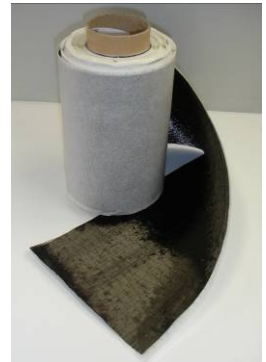


PC[®] CARBOCOMP TEXTILE 225

Technical data

1. Description:

Unidirectional carbon fibre textile with carbon fibres in the longitudinal direction. This textile is protected against pollution by a membrane.



2. Applications:

Increase of the bearing capacity of columns from bridges, buildings.
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 rebars.
- To increase the load bearing capacity of beams and columns.
- To repair errors during construction.

3. Advantages:

- High tensile strength and stiffness
- Easy to apply
- Very little creep
- Flexible in use
- Excellent corrosion, acid and alkali resistance
- High durability
- Little thermal expansion
- Maintenance free, does not corrode



4. Technical properties

Properties	225 g/m²
Weight	225 g/m ²
Roll width	210 mm ± 10 mm
Roll length	150 m
Thickness	0,4 mm
Tensile strength	> 330 kN/m
Strength of fibres	4000 MPa (= 4000 N/mm ²)
Stiffness	> 236 GPa
Max. elongation	1,60%
Density	1,78 g/cm ³
Water absorption	< 0,1 percent by weight
Application temperature	- 40°C till +130°C

5. Application:

Apply the PC[®] 5800 Carbo on the element to be reinforced. Press the PC[®] CarboComp Textile into the wet resin. Please ventilate with a profiled roll. Then immediately apply a layer of PC[®] 5800 Carbo on the carbon fibre textile. The consumption of PC[®] 5800 Carbo varies in function of the roughness and porosity of the surface (estimated consumption: 500 g/m²).