

CWC® Smart FAB

GLASS FIBRE FABRIC FOR WATERPROOFING AND COATING APPLICATIONS

Description




Smart FAB is woven fibre glass fabric, coated with unique alkali resistant white resin coating. It is a bi-directional, light weight, high tensile strength fabric that does not rot, tear or wear and can be used for a wide range of applications in the construction industry.

Indicative characteristics

Chemical Base	Woven glass fibre with white alkali resistant resin coating.
Appearance / Colour	White net
Width	1 ± 0.02 m
Length	50 ± 0.25 m
Mass per Unit Area	~ 50 g/m ²
Thickness	~ 0.13 mm









Advantages:

CWC® Smart Fab has the following advantages:



-  Enhances tensile strength in waterproofing system Flexible and tough
-  Chemical resistant (Alkali Resistant)
-  Mildew proof Compatible with most of the CWC® cementitious, CWC® liquid applied membranes / coatings, CWC® epoxy based protective coatings

Domains of application

CWC® Smart Fab is used as reinforcement for:

-  Cementitious polymer modified waterproofing slurry coating systems like CWC® Smart Crete, CWC® Smartlastic, CWC Smart Latex®, CWC® Smart Noa, CWC Smart® SBR 250, CWC Smart cem MC 40/60, CWC® Smart Seal System and CWC® Smartlastic 200
-  Roof waterproofing Coatings like CWC® Smart Acrylic 100, CWC® Smart ECO Chil & CWC® Samarthane UV (W)
-  Various polymer modified mortars using CWC® Smartcrete, CWC® Smart Lastic, CWC Smart Latex®, CWC® Smart Noa, CWC Smart® SBR 250, CWC Smart cem PMC 40/60
-  CWC® Coating System
-  Pipeline joint wraps
-  Bituminous coatings Double coat plaster applications, as an alternative to chicken wire mesh
-  Reinforcing stucco & other types of plaster
-  Other custom applications.

APPLICATION METHOD / TOOLS

-  CWC® Smart Fab has to be applied on green / freshly applied coating systems like CWC® Smart Crete, CWC® Smart AC, CWC® Smart Latex, CWC® Smart Noa, CWC® Smart SBR 250, CWC® Smart Lastic, CWC® Smart Lastic 200, CWC® Smart Lastic 550, CWC® Smart ECO Chil, CWC® Smarthane UV(W), CWC® Smart Acrylic 100, CWC® Smart Epocrete41 etc.
-  Before application the fabric should be cut as per the required length. The cut pieces should be rolled again.



- After the coating or liquid membrane has been applied, the fabric should be spread from one end and embedded by roller or brush.
- In the same process other pieces of fabric should be applied adjacent to the previous one, make an overlap of ≥ 20 mm along the entire length & width wherever required. After the first coat of membrane and fabric application is complete allow the membrane to harden. Then apply the second coat of the slurry coating system and allow it to dry.
- Further, coats must be applied in a similar fashion as per product recommendations.
- In case multiple layers of CWC® Smart Fab are recommended to be used, apply it when coating is green / freshly applied and allow to harden / cure as per procedure.

Packaging

Available in cartons containing 1 m x 50-meter rolls packed in plastic foil.

Additional information

The CWC range of associated products include high strength cementitious, epoxy grout, polyester resin-based mortar, Resin anchoring systems. Also available a range of products for use in construction; viz., admixtures, curing compounds, release agents, flooring systems and repair mortars.

Separate datasheets are available on these products.

Shelf Life: If stored in unopened containers at normal ambient temperatures, a shelf-life of approximately 18 months.

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