



DRIZORO[®] VEIL

FIBRE VEIL FOR REINFORCEMENT OF COATINGS

DESCRIPTION

DRIZORO[®] VEIL is an alkali-resistant glass fibre veil (**G-45/M-100**) or polyester fibre veil (**E-45/E-60/E-100**), especially designed for the reinforcement of resin-based coatings in order to increase its tensile strength and crack-bridging capability.

APPLICATION FIELDS

- **DRIZORO[®] VEIL G-45:** Reinforcement of flexible coatings applied in thin layer on even surfaces or non-active fissures on façades and pavements.
- **DRIZORO[®] VEIL M-100:** Reinforcement of flexible waterproof coatings applied in thick layer subject to small movements, vibrations, thermal movements on uneven surfaces.
- **DRIZORO[®] VEIL E-45:** Reinforcement of flexible coatings applied in thin layer for corners, passing pipes on uneven surfaces.
- **DRIZORO[®] VEIL E-60/E-100:** Reinforcement of epoxy or polyurethane resin based for the waterproofing of roofs, terraces, balconies, etc.
- Overlapping, reinforcement and bridging of cracks, corners, corner fillets, construction joints, penetration pipes and other critical points between different types of substrates.
- Improvement mechanical characteristic of waterproof coatings exposed to thermal movements by weather conditions.
- Enhances highly the crack-bringing capability of waterproofing membranes and other coating applied in thin layers.

ADVANTAGES

- Provides a continuous reinforcement that absorbs stress from the substrate and helps to avoid the formation of cracks by movements.
- Greatly improves the mechanical resistance of the coating such as tensile strength and impact.
- Provides a better application of coating over smooth surfaces and non-porous substrates.
- Long durability and excellent chemical stability against to alkalis and UV-rays.
- Flexible, easy placement on irregular surfaces.
- Non-irritating on skin contact.

APPLICATIONS INSTRUCTIONS

Surface preparation

Surface must be structurally sound, firm, rough without cement laitance and as uniform as possible, and preferably with a slight roughness, i.e. open textured surface. It must be clean and free of paints, coatings, efflorescence, loose particles, grease, oils, curing agents, form release agents, dust, gypsum plasters, organic growth or any other contaminants that may affect to adhesion of the product.

For cleaning and preparing the substrate, preferably in case of the smooth and/or poorly absorbent substrates, use sand blasting or high pressure water cleaning methods, not being desirable aggressive mechanical means.

Before coating application to be reinforced, all voids, holes, honeycombs, cavities, cold joints, tie holes, and static cracks without movement, once opened and routed to a minimum depth of 2 cm, must be repaired with the **MAXREST[®]** (Technical Bulletin No. 2) structural repair mortar to provide an even surface. Active water leaks should be stopped using **MAXPLUG[®]** (Technical Bulletin No. 4).

Also grind any unevenness which protrudes from the support and which could lead to air pockets for the placement of the coating reinforced with veil.

For a wall-slab or pillar-slab junctions, open a 30 mm x 30 mm groove and fill with **MAXREST[®]** providing a concave finish. Similarly, corners and edges must be rounded to a radius greater than 30 mm. Once the surface preparation is completed, the application procedure of reinforced waterproof coating can begin.

Veil preparation

Using a scissor or utility cutter cut a fibre veil strip to the specified length according to the drawing and work plan. Finally, perform a pre-assembly of cut pieces on the substrate before applying the coating.

Application

Apply a first layer of the waterproof coating and while it is still fresh, place the fibre veil strip onto the undercoat. Smooth down the veil by running any suitable tool, i.e. brush, roller or trowel, from one end of the veil to the other end, and firmly press across the glass fibre veil. This will remove the air trapped between the veil and to allow the coating to

impregnate into the glass or polyester fibres. Make sure that veil is completely embedded by the coating. When connecting two glass-fibre veil strips in the longitudinal direction or next to each other (side by side), the strips are recommended to overlap by at least 5 cm.

On joints and cracks, at least 10 cm of each edge should be covered with the veil.

Observe the open time for materials to be reinforced and apply the second layer according with the instruction given in the respective Technical Bulletin.

IMPORTANT INDICATIONS

- Do not place the veil directly on dry substrate without any previous fresh coating.
- For other uses not specified in this Technical Bulletin or additional information, consult the Technical Department.

PACKAGING

- **DRIZORO® VEIL G-45** is supplied in rolls of 1 m wide x 50 m length.
- **DRIZORO® VEIL M-100** is supplied in rolls of 1 m wide x 50 m length.

- **DRIZORO® VEIL E-45** is supplied in rolls of 1 m wide x 50 m length.
- **DRIZORO® VEIL E-60** is supplied in rolls of 1 m wide x 100 m length and 0,2 m wide x 100 m length.
- **DRIZORO® VEIL E-100** is supplied in rolls of 1 m wide x 100 m length and 0,2 m wide x 100 m length.

STORAGE

DRIZORO® VEIL can be stored indefinitely in its original unopened packaging. It must be stored on vertical position.

Store in a cool, dry and covered place, protected from moisture, frost and away from direct exposure to sunlight, with temperatures between 5°C and 40°C.

SAFETY AND HEALTH

Consult the Material Safety Data Sheet for **DRIZORO® VEIL**.

Disposal of the product and its empty packaging must be done by the final user and according to official regulations.

TECHNICAL DATA

DRIZORO® VEIL					
Product characteristics	G-45	M-100	E-45	E-60	E-100
Fibre type	Glass fibre	Glass fibre	Polyester	Polyester	Polyester
Weight, (g/m ²)	45	100	45	60	100
Thickness, (mm)	0,44	1,00	0,60	0,62	0,80
Tensile strength, (N/50 mm),					
Wrap/Fill	120 / 90	140 / 140	130 / 70	140 / 120	180 / 190

GUARANTEE

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