

Teknowrap Carbon Mesh 170

High Strength, Two-sided Carbon Fiber Mesh for Structural Reinforcement Applications



- The most obvious advantage of the repair method by using Teknowrap Carbon Mesh 170 is that it gives much more strength than classical methods even though the increase in thickness of the structure is very little.
- Stronger than steel but much lighter.
- It does not have rusting and corrosion problems.
- Minimizes the negative effects of the interventions.

Description of Product:

Teknowrap Carbon Mesh 170 is a special product developed especially for reinforcement of stone and brick walls, and for strengthening and protection of historical area floors.

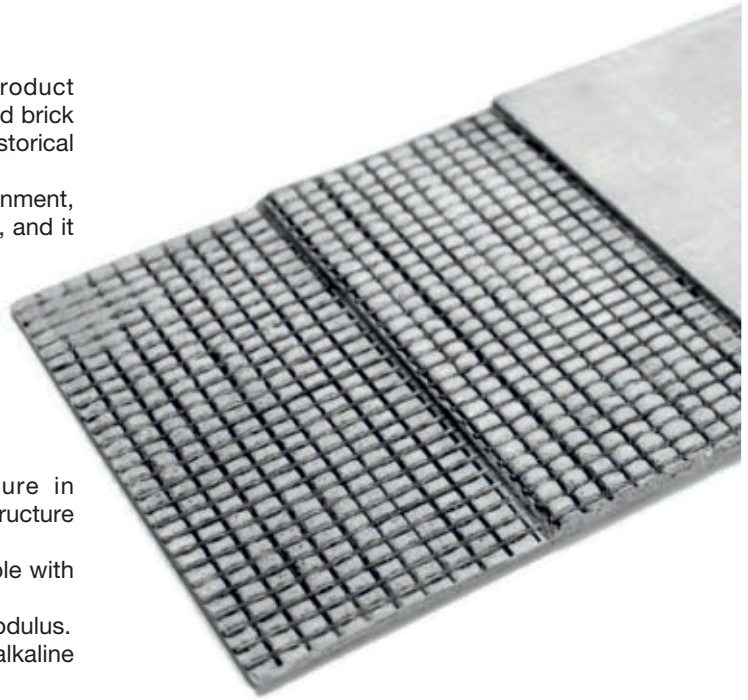
The material is resistant to all kind of chemical environment, has high alkaline resistance and high performance, and it can be readily used in cement based applications.

Fields of Application:

- Reinforcement of stone and brick walls
- Reinforcement of historical beams and arches
- Reinforcement of historical area floors

Features and Benefits:

- It enables making interventions in structure in accordance with the properties of the original structure without any negative effect.
- Specially developed coating makes it compatible with different materials.
- Has high mechanical strength and high elastic modulus.
- Resistant to chemically aggressive and high alkaline environments.
- Minimizes the formation and propagation of cracks.
- Enables strengthening applications in irregular structures.
- Easily and rapidly applied.
- Broad and homogeneous mechanical recovery.



Technical Information

General Information	
Width	100 cm
Roll Length	50 mt
Tensile Strength	> 240 kN/m
Coated Weight for m²	170 gr
Mesh Distance (mm)	10x10
Carbon Fiber Mesh Thickness for Both Sides (mm)	0,048
Carbon Fiber Elastistic Modulus	235 Gpa
Carbon Fiber Elongation at Break	%1,8



Stainless Anchorage



Carbon Fiber L Anchorage



Carbon Fiber Anchorage