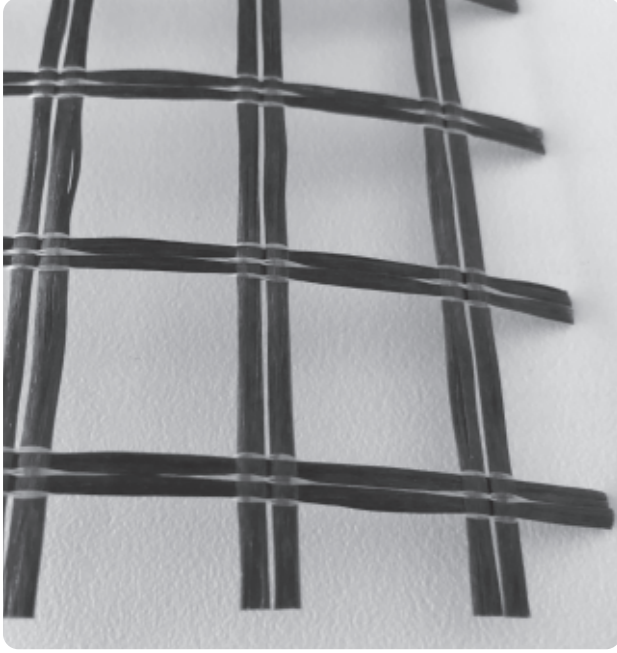


Teknobazaltmesh 350

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



Description of Product:

The product is a fabric that is produced from basalt fibers and has alkali-resistant coating. It is developed to prevent cracks and to be used in different structure reinforcement applications. It has an advantage that it has higher tensile strength than steel and glass fiber.

High performance, alkali-resistant basalt network can be readily applied in cement based applications thanks to its resistance to corrosion, oxidation and rotting. Since the product is light and it is easy to set and use, the basalt network will be a strong alternative to steel.

Fields of Application:

- Repairing of medium and slightly damaged columns and beams.
- Repairing of historical masonry structures, dome and minaret of mosques.
- Reinforcement and repairing of foundations of stone or brick masonry walls.

Features and Benefits:

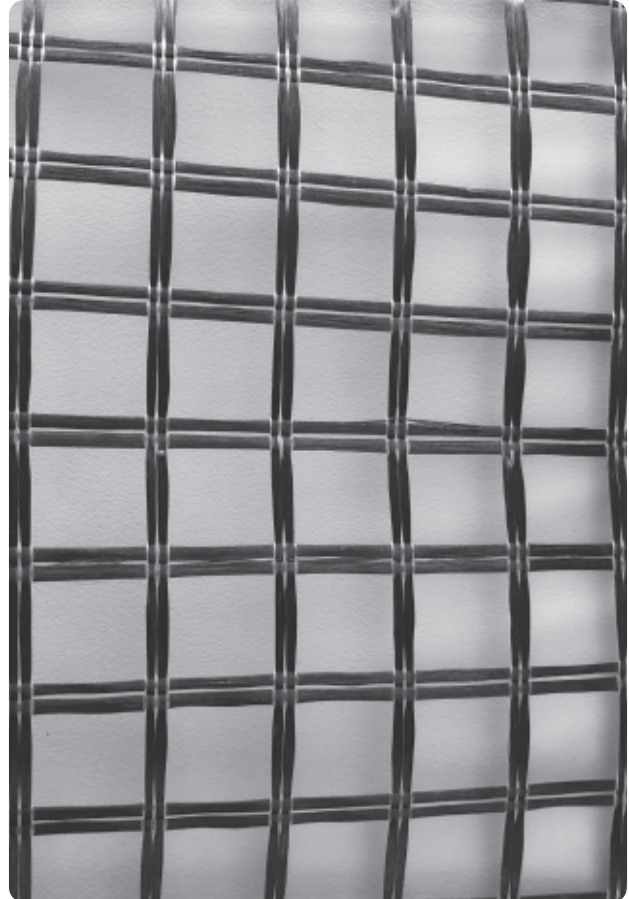
The plaster and paint on construction element should be removed, the surface should be cleaned and necessary reparations should be done.

First of all, TEKNOREP 520 is registered historical buildings on the surface, reinforced concrete and non-registered historical buildings.

TEKNOREP 300 will cover the surface anchorage surfaces. It is applied to the surface as such and TEKNOBAZALT MESH 350 pasted on. If anchorage is to be applied, the anchors should be used at this stage. is placed. TEKNOREP 520 or TEKNOREP 300 is applied again as a topcoat on it.

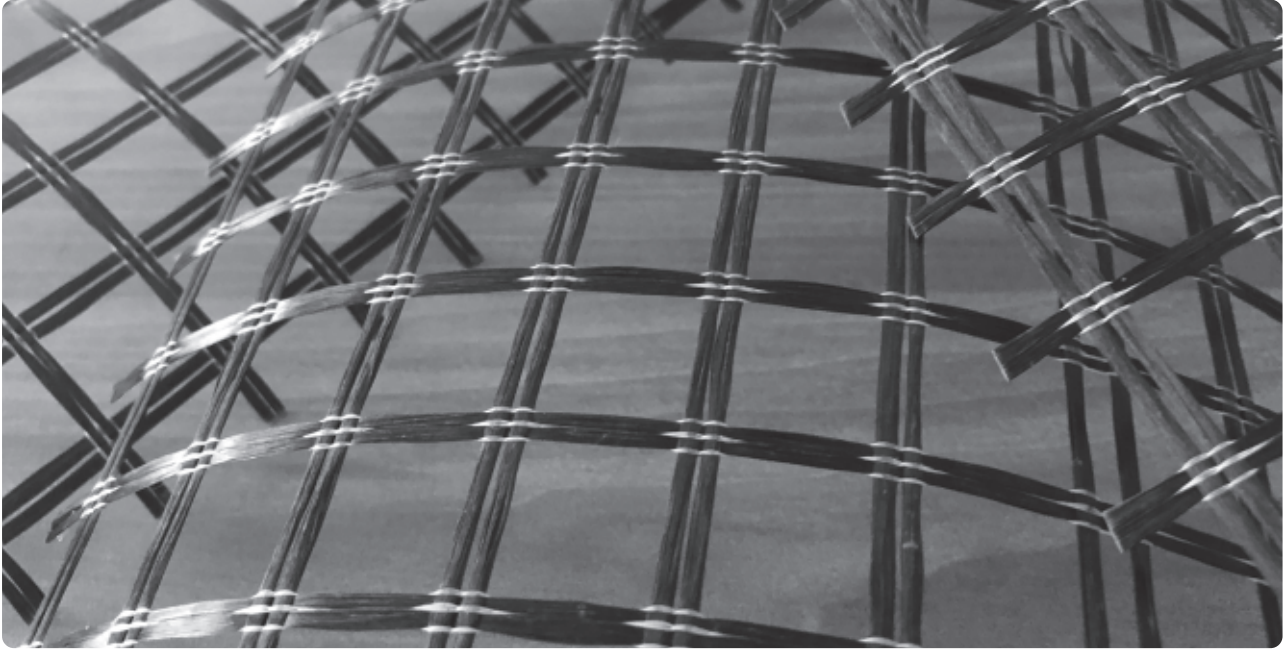
strengthened. The surface of the finished material can be coated with paint or plaster if desired.

- Strongly adheres to the surface thanks to its specially developed coating.
- High mechanical strength and elastic modulus.
- Resistant to chemically aggressive media, especially to strong alkaline media.
- Minimizes the formation of cracks.
- Easy to apply.
- Low thermal conductivity coefficient
- Noncombustible.

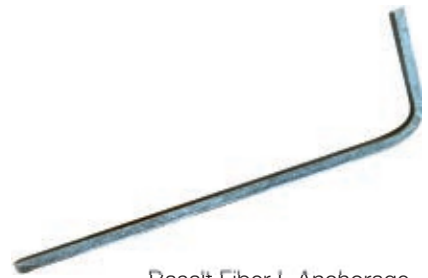


Technical Information

General Information	
Width	100 cm
Roll Length	50 m
Mesh Tensile Strength	108 kN/meter (0°) (90°)
Coated Weight for m²	350 g
Mesh Distance mm	25x25
Fiber Type	Basalt fiber
Fiber Elastic Modulus	85 Gpa
Fiber Tensile Strength	4000 Mpa
Fiber Specific Gravity	2,7gr/cm³
Coating	Alkaline resistant polymer



Stainless Anchorage



Basalt Fiber L Anchorage