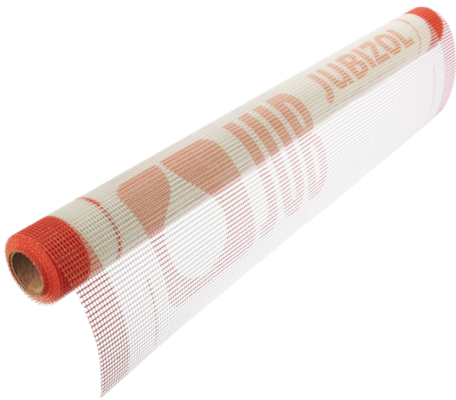


TECHNICAL SHEET 05.01.01-EN



JUBIZOL Reinforcement mesh 145 G

Reinforcing mesh 1100 mm

1. Description, Application

JUBIZOL Reinforcement mesh 145 G is a vinyl-covered and alkaline resistant mesh made of glass fibres. It is used in ETICS systems to reinforce base and renovation renders as well as levelling and waterproofing compounds. Usually single reinforcement is sufficient and we recommend double reinforcement for the absorption of higher temperatures and other loads as well as for greater resistance to blows.

2. Method of packing

- roll 10 m² (mesh width 110 cm, length 10 m)
- roll 50 m² (mesh width 110 cm, length 50 m)

3. Technical data

Mesh weight (g/m ²)	≥ 145 g
Consumption	1.1 m ² /m ²
Mesh square dimensions (warp x weft)	~ 3,5 mm x ~ 4,5 mm
Mass loss during annealing at +625 °C	> 10 %
Average tensile strength (unaged condition) - warp	> 39 N/mm
Average tensile strength (unaged condition) - weft	> 44 N/mm
Average tensile strength (aged condition) - warp	> 23 N/mm
Average tensile strength (aged condition) - weft	> 26 N/mm
Ratio between the average tensile strength for the aged state and the unaged state - warp	≥ 60 %
Ratio between the average tensile strength for the aged state and the unaged state - weft	≥ 60 %
Failure elongation for unaged condition – warp	~ 1.7 %

Failure elongation for unaged condition – weft	~ 1.8 %
Failure elongation for aged condition – warp	~ 1.75 %
Failure elongation for aged condition – weft	~ 1.6 %

4. Instruction for Use

The mesh can be used to reinforce two or more layers of mortar, adhesive and waterproofing compounds. In the case of single reinforcement, the mesh is installed by sinking it into the penultimate layer - in the case of a two-layer application, this is the bottom layer, and in the case of a three-layer application, it is the middle layer. We lay the strips mesh in such a way that they are overlapped in length and width by at least 10 cm. When installing on vertical surfaces, the mesh is always lowered from the top of the surface towards the ground. At the corners of the building and at the edges of the slats, the mesh is cut flat, but if these have not been reinforced with corners, it is bent from one side to the other and vice versa. In this case, the overlap on each side should be at least 20 cm wide. With the described method of installation, the reinforcing mesh lies in the upper third of the total thickness of the base plaster (approximately 1 mm below the surface), which ensures its full functionality.

5. Storage, Transportation Conditions and Durability

The mesh is stored in dry and closed spaces, protected from direct sunlight.

Shelf life when stored in original sealed and undamaged packaging: unlimited.

6. Other Information

Technical instructions in this brochure are given based on our experiences and are given as a guideline for achieving optimal results. All guarantees for the characteristics of the product (including the shade) apply only to the complete JUB system. We cannot take any responsibility for the damage, caused by incorrect selection of a product, incorrect use or unprofessional work.

Safety measures: Follow the instructions on the safety data sheet of the product.

This technical sheet supplements and replaces all preceding editions. We reserve the right to change and supplement data in the future.

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