



Alkali-resistant fibreglass
mesh used to structural
reinforce



konstruktive · **leidenschaft**



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PRODUCT DESCRIPTION

ARMANET 4x4 MAMMUT is an alkali-resistant fibreglass mesh, with high performance, suitable to structural reinforce. Its use is indicated to reinforcement the coating layers applied on the base of thermal insulation systems or in correspondence of the areas most exposed to impact or weathering.

The inclusion of the mesh within the products greatly improves impact resistance and counteracts the surface tension due to hygrometric shrinkage of the product or thermal shock, thus preventing the formation of cracks and fissures.

It can also be used for the structural reinforcement of industrial floors.

COMPOSITION

ARMANET 4x4 mesh is composed of a woven glass fiber of high quality, treated with a special primer making it resistant to alkalis and improve bonding.

APPLICATION

THERMAL INSULATION SYSTEM AND COATING

Insert within the first layer of coating, from the top to bottom, the reinforcement mesh **ARMANET 4x4 MAMMUT**, taking care to overlay each strip by approx. 10.0 cm.

To insert the mesh use a trowel and avoid creases. When the first coat is dry, apply a second coat of product to level out the entire surface.

INDICATIVE AMOUNTS REQUIRED

1.1 linear meters per m² (10 mm overlap included).

COLOUR

Yellow.

PACKAGING

25 meter rolls.

STORAGE

In a dry place at temperatures between - 10°C and + 50°C

RECOMMENDATIONS

Avoid the formation of bubbles, creases and folds when applying the mesh.

PRODUCT DATA

Appearance	roll
Colour	yellow
Weight raw woven	326.0 g/m ²
Weight	380.0 g/m ²
Mesh size	4.0 x 4.0 mm
Roll height	100.0 ± 1% cm
Roll length	25.0 ± 2% m
Type of treatment	alkali-resistant without softening

PERFORMANCE DATA

Breakage strength of mesh in standard condition	4.5% / 4.5%	EN 13934-1
Breakage strength of mesh in 5% NaOH	4.0% / 4.0%	EN 13934-1
Breakage strength of mesh fasted test	4.0% / 4.0%	EN 13934-1
Tensile strength of warp in standard condition	3800 / 5000 N/50 mm par value 3500 / 4500 N/50 mm individual value	EN 13934-1
Tensile strength of warp in 5% NaOH	2300 / 3000 N/50 mm par value 2100 / 2800 N/50 mm individual value	EN 13934-1





<i>Tensile strength of warp fasted test</i>	2400 / 3200 N/50 mm par value 2200 / 3000 N/50 mm individual value	EN 13934-1
<i>Construction warp</i>	20x2 ± 5% lines/10 cm	
<i>Construction weave</i>	17 ± 5% lines/10 cm	

REMARKS

Product for professional use. The data and instructions in this data sheet are based on our best practical and laboratory experience. They refer to laboratory tests and should be considered indicative. In view of the different conditions of use and application, which depend on factors over which Vimark has no control (type of surface, environmental conditions, technical indications for fixing, etc.), those who use the product are responsible for ascertaining whether or not it is suitable for the intended purpose. Thus our warranty obligation merely covers the quality and fade-free characteristics of the actual product, and exclusively in relation to the aforementioned data. Vimark reserves the right to make technical modifications without prior notice. This technical data sheet voids and substitutes all previous editions. Updates will be published on the web site www.vimark.com.

