



ARMANET 4x4

*Alkali-resistant fibreglass mesh
used to reinforce coating layers and waterproof membranes*





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Edition: May 2020 © Vimark

DESCRIPTION

ARMANET 4x4 is an alkali-resistant fibreglass mesh suitable to reinforce the coating layers applied on render mortar, concrete or thermal insulation system and waterproof membranes. 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.

COMPOSITION

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

MIXING AND APPLICATION

THERMAL INSULATION SYSTEM AND COATING

Insert within the first layer of coating, from the top to bottom, the reinforcement mesh **ARMANET 4x4**, taking care to overlay each strip by approx. 10 cm. The lateral green strips help to position the overlaps between one roll and another. 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. At doors and Windows, insert the specific fibreglass anti-alkali accessory **ANGOLARE INTRADOSSI** as an additional reinforcement.

WATERPROOF MEMBRANES

Insert within the first layer of waterproof membrane the reinforcement **ARMANET 4x4** taking care to overlay each strip by approx. 5-10 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.

YIELD / CONSUMPTION

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

COLOUR

White with green lateral strips.

PACKAGING

50 meter rolls.

CONSERVATION

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

WARNINGS

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



PRODUCT DATA

▪ Appearance	roll
▪ Colour	white with green lateral stripes
▪ Weight raw woven	117 g/m ²
▪ Weight	150 ± 5% g/m ²
▪ Mesh size	4.0 x 4.5 mm
▪ Roll height	100 ± 1% cm
▪ Roll length	50 ± 2% m
▪ Type of treatment	alkali-resistant without softening

TECHNICAL DATA

▪ Breakage strength of mesh in standard condition	3.8% / 3.8%	EN 13934-1
▪ Breakage strength of mesh in 5% NaOH	3.5% / 3.5%	EN 13934-1
▪ Breakage strength of mesh fasted test	3.5% / 3.5%	EN 13934-1
▪ Tensile strength of warp in standard condition	2100 / 2200 N/50 mm par value 1900 / 1800 N/50 mm individual value	EN 13934-1
▪ Tensile strength of warp in 5% NaOH	1300 / 1350 N/50 mm par value 1000 / 900 N/50 mm individual value	EN 13934-1
▪ Tensile strength of warp fasted test	1500 / 1600 N/50 mm par value 1000 / 1000 N/50 mm individual value	EN 13934-1
▪ Tensile strength of warp 3 iont solution	1000 / 1000 N/50 mm individual value	EN 13934-1
▪ Construction warp	42.0 ± 5% lines/10 cm	
▪ Construction weave	17.5 ± 5% lines/10 cm	

COMPLIANCE

		ETAG 004 ITC CNR - Rete di armatura con destinazione di uso ETICS ITALIA - n. 007/09
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Vimark
Strada Spartafino 2
12016 Peveragno (CN) Italy
Ph. +39 0171 383800| Fax +39 0171 339395
info@vimark.com | Vimark.com



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	ETAG 004 Technický a zkušební ústav stavební Praha, s. p. (TZÚS) CZECH REPUBLIC
	ETAG 004 Deutsches Institut Für Bautechnik (DIBt) GERMANY
	ETAG 004 MA 39 – VFA der Stadt Wien (EGOLF Member) AUSTRIA

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Vimark
Strada Spartafino 2
12016 Peveragno (CN) Italy
Ph. +39 0171 383800 | Fax +39 0171 339395
info@vimark.com | Vimark.com