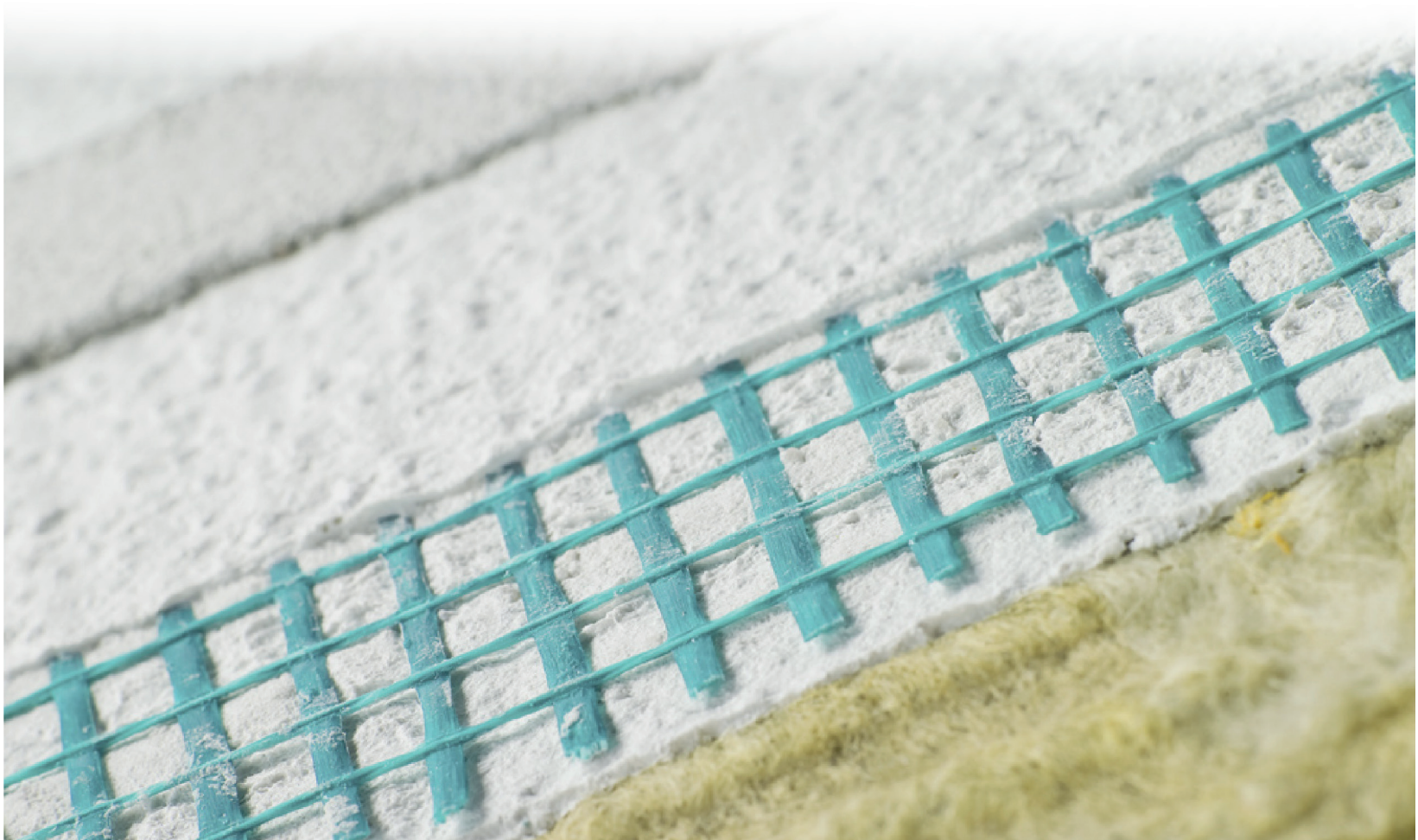


Render reinforcement — exterior



RENDER REINFORCEMENT – EXTERIOR

Exterior renders are exposed to extreme fluctuations in climatic conditions. Vitruan has developed mesh fabrics which are particularly suitable for use in exterior render systems and help enhance the durability of exterior facades.

Our mesh fabrics provide reliable and permanent reinforcement for thin, medium and thick render systems. The mesh fabric expands only minimally even when exposed to extreme temperature variations, and prevents crazing as well as the formation of undesirable hairline, shrinkage and joint cracks. Special solid fabrics provide additional protection from mechanical damage, for example at the base of buildings.

The main area of application for our glass mesh fabrics are exterior insulation finishing systems (EIFSs). In this field our products exceed the requirements of ETAG 004 and the German Institute for Building Technology (DIBT).

PRACTICAL BENEFITS

HIGH TEAR AND TENSILE STRENGTH

- | high force absorption and low stretch
- | prevents cracks forming and appearing at the surface
- | remains stable during fluctuating temperatures and relative humidity

ALKALI-RESISTANT

- | protects the fabric from ageing and loss of functionality and eliminates the need for frequent redecorating
- | fully compatible with both mineral and emulsion-based materials

VERY GOOD FLATNESS

- | large areas can be handled easily and efficiently
- | adapts perfectly to the substrate

UNIFORM APPEARANCE AND LOW THICKNESS

- | suitable for use with any render system
- | layer thickness indicator - controllable material consumption
- | produces homogenous surface finish

LOW WEIGHT

- | guarantees good workability
- | flexible for ease of handling and yet dimensionally stable
- | supports lightweight construction

DEFINED FIRE LOAD

- | low flammability due to high glass content, improved reaction to fire

STANDARD PRODUCTS

Items	Mesh size [mm]	Weight [g/m ²]	Thickness [mm]	Tear strength warp / weft [N/5cm]
SPA.4412K Leno weave fabric	6.0 x 6.0	168	0.63	2000 / 2200
SD.4420G Leno weave fabric	3.5 x 4.0	161	0.53	2000 / 2000
SD.4512K2 Leno weave fabric	7.0 x 6.0	327	0.9	4000 / 5500
SD.6511K Leno weave fabric	7.0 x 7.0	171	0.67	2400 / 2000
SD.7508Y Leno weave fabric	11.0 x 11.0	105	0.75	1300 / 1300
SD.8508L Leno weave fabric	9.0 x 10.0	160	0.81	1700 / 2400

The data contained herein may be reported as a typical value and/or range.

CUSTOMIZED SOLUTIONS

FINISHING OPTIONS

- | different hardness grades
- | nonflammable/ flame-retardant
- | formaldehyde-free
- | halogen-free

CUSTOMIZING

- | special color
- | printed logo
- | variable roll sizes

We provide tailor-made solutions to meet your particular requirements.

MAKING YOUR VISIONS AND OUR VISIONS A REALITY - NOW AND IN THE FUTURE

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