

Gittermatte

Pre-coated, alkali-resistant fibre glass reinforcement mesh.



Product characteristics

Properties	<ul style="list-style-type: none">• Reinforcement fabric in renderings• Edges are cut• Alkali-resistant• Non-sliding• High tensile strength• Unplasticized• Can be applied with all reinforcement compounds of the ALLFAtherm thermal insulation systems
Areas of application	Exterior and interior
Suitable substrates in detail	In all ALLFAtherm insulation systems. As crack repair (heavy-duty reinforcement) on façade surfaces.

Material description

Material base	Glass fabric
Dimensions	Roll: 50 x 1,10 m = 55 m ² 50 x 1,00 m = 50 m ²
Grammage	Approx. 160 g/m ²
Mesh width	4 x 4 mm
Dressing layer	20–30 %, organic
Tensile strength	1,75 kN / 5 cm in warps and woofs
Decrease of tensile strength after prolonged contact with alkali	< 50 % (28 d NaOH 5 % respectively 24 h in alkaline solution pH 12,5/ 60° C)
Average consumption (short text)	1,1 m ² /m ²
Colour shade	Green
Storage	Store in dry condition

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Substrates

Substrate preparations

The reinforcement takes place, once the bonding of the insulations boards has hardened (after 3 days at the earliest at + 20 °C and 65% relative humidity) onto clean and dry insulation boards that were mounted level, without offset, as well as flush and plumb in corner areas. For the renovation of rendered façades damaged by cracks, the substrate must be clean, dry, firm and sound and free from efflorescences, sinter layers and release agents. Remove coarse, protruding mortar or concrete parts, level out larger unevennesses using an appropriate mortar. Check existing render for stability and cavities and existing coatings for bearing strength. Non bearing renders and coatings have to be entirely removed. If necessary, substrates have to be primed.

Application

Application

Apply the reinforcing compound with a stainless steel trowel. Embed Gittermatte into the wet material vertically or horizontally (maintain the direction) and overlap at at least 10 cm. The fabric must not be visible and must lie in the middle or top third of the reinforcing layer.

The reinforcement of the entire surface ist made after drying of all necessary works already carried out. This includes edge and diagonal reinforcements as well as reinforcing interior corners or the application of a heavy duty reinforcement with reinforcing fabric Panzergewebe, if necessary.

Application hints

The following regulations have to be observed and to be complied with during the application: ALLIGATOR application guidelines, the relevant valid building approvals, the current ALLFATHERM application brochure and in Germany BFS Fact Sheet No. 21, DIN 55699 as well as Technical System Information "Compendium ETICS and Fire Protection" published by the professional association Wäremedämmverbundsysteme (ETICS).

Information

Waste disposal

Product residues can be disposed of as construction site waste.

Container size

Content		EAN code	Article no.
50 m ²	50 x 1,0 m	4002822148201	707863
55 m ²	50 x 1,1 m	4002822408572	784236

System specific and system completing products

Carbon-Armierungsspachtel

KA-Spachtel

ArmieraDur +

Multimörtel

VWS-Mörtel

Multi-Sockelmörtel

This data sheet cannot deal with all types of application arising in practice. Therefore, we cannot be held responsible for their content. These instructions do not release the purchaser / applicator from his responsibility of professionally examining the substrate and determining the suitability of the product in consideration of the project characteristics. In case of queries please request the technical assistance of ALLIGATOR FARBERWERKE.