Capatect Gewebe HB 644

Special Capatect mesh for use under ceramic cladding, glass mosaic and natural stone cladding in Capatect façade systems

Product Description

Field of Application

Fiberglass mesh for use under ceramic cladding, glass mosaic and natural stone cladding.

Material Properties

- Displacement resistant
- High tear and tensile strength
- Alkali-resistant
- Plasticizer-free

2.2.21

Packaging/Package Size

50 m roll, 1.10 m wide = 55 m²

Colours

Orange with gray borders

Storage

Dry, flat, stress-free, protect from prolonged exposure to sunlight / heating and mechanical stress.

Technical Data ■ Residual tensile strength after ageing: ≥ 1000 N/5 cm according to EAD 040083-00-0404; clause

■ Dressing: 20 - 30 %

Initial tear strength:

Area-related mass:

≥ 2300 N/5 cm (in warp/weft direction) approx. 182 g/m² according to EAD

040083-00-0404; Annex A.8.2

Supplementary Product

■ "Capatect Diagonalarmierung 651/00"

Glass fiber mesh molding for additional diagonal mesh at all corners of facade openings such as windows and doors. Dimension: approx. 330 x 500 mm

■ "Capatect Sturzeckwinkel 651/20"

Glass fabric molding for simultaneous formation of diagonal and inner corner reinforcement between lintel and reveal. Dimension: approx. 200 x 200 mm. For reveal depths up to 20 cm.

Note

The "allgemeine bauaufsichtliche Zulassung" (general building authority approval) / "allgemeine Bauartengenehmigung" (general type approval) of the ETICS and the Technical Data Sheets of the products must be observed.

Application

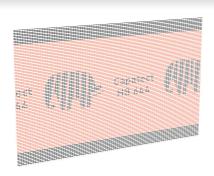
Consumption

 $1,1 \text{ m}^2/\text{m}^2$

Installation

Apply the system-related base coat to the entire surface of the insulation boards in the width of the mesh in about 2/3 of the required layer thickness.

Insert the mesh vertically into the fresh base coat and embed without creases. Overlap neighbouring mesh by approx. 10 cm at the joints.





TECHNICAL INFORMATION NO. 644

Work the mesh into the upper half of the base coat, which must be at least 4 mm thick. For base coat thicknesses \geq 6 mm, work the mesh into the upper third of the base coat.

Fill over the mesh wet-on-wet to ensure full coverage of the mesh.

When fixing with anchors through the mesh, the anchors are inserted through the fresh mesh after the base coat has been applied and the mesh has been worked in. The anchor plates are then immediately rendered over ("fresh in fresh") or a second layer of base coat is applied.

The mesh must be in the upper third of the base coat even when a second layer of base coat is applied. The thickness of the reinforcement layer to be adhered to depends on the base coat to be used in the system.

Advice

Approval

Z-33.46-1091 Z-33.46-1720 Z-33.46-1732

Customer Service Centre

Tel.: +49 6154 71-71710 Fax: +49 6154 71-71711

e-mail: kundenservicecenter@caparol.de

International Distribution: Please see www.caparol.com

All suggestions and application instructions herein are based on our latest technical experience. Due to the wide variety of individual project conditions, we cannot be held responsible for their content. These instructions do not release the purchaser/applicator from his responsibility to determine the suitability of the product in consideration of the project characteristics. These instructions are to be considered void when a new edition is released. Our general conditions of sale and delivery in their latest edition apply. This document is a translation of our German Technical Information No.644 · Capatect Gewebe HB 644 · Issued: February 2024