

Capatect Gewebe HB 644

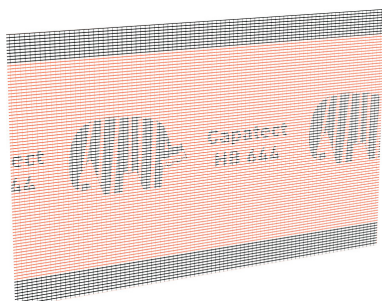
Special Capatect mesh for use under ceramic cladding, glass mosaic and natural stone cladding in Capatect façade systems

Product Description

Field of Application	Fiberglass mesh for use under ceramic cladding, glass mosaic and natural stone cladding.
Material Properties	<ul style="list-style-type: none"> ■ Displacement resistant ■ High tear and tensile strength ■ Alkali-resistant ■ Plasticizer-free ■ Mesh size approx. 5 x 8 mm
Packaging/Package Size	50 m rolls, 1.10 m width = 55 m ²
Colours	Orange with gray borders
Storage	Dry, level, stress-free, protect from prolonged exposure to sunlight/heating and mechanical stress.
Technical Data	<ul style="list-style-type: none"> ■ Initial tear strength: ≥ 2500 N/5 cm in warp and weft direction ■ Area-related mass: approx. 182 g/m² according to EAD 040083-00-0404; Appendix A.8.2 ■ Loss of tensile strength after storage in alkali: ≥ 1250 N/5 cm according to EAD 040083-00-0404; Clause 2.2.21
Supplementary Product	<ul style="list-style-type: none"> ■ <i>Capatect Diagonalarmierung 651/00</i> 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 ■ <i>Capatect Sturzeckwinkel 651/20</i> 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.

Application

Consumption	1,1 m ² /m ²
Installation	<p>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.</p> <p>Insert the mesh vertically into the fresh base coat and embed without creases. Overlap neighbouring mesh by approx. 10 cm at the joints.</p> <p>Work the mesh into the upper half of the base coat, which must be at least 4 mm thick. For base coat thicknesses ≥ 6 mm, work the mesh into the upper third of the base coat.</p> <p>Fill over the mesh wet-on-wet to ensure full coverage of the mesh.</p>



TECHNICAL INFORMATION NO. 644

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.

Note The "Allgemeine bauaufsichtliche Zulassung" (general building authority approval) / "Allgemeine Bauartgenehmigung" (general type approval) of the underlying ETIC systems or RVS and the technical information of the products must be observed.

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

Technical Information No. 644 · Issue: August 2024

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: July 2024

CAPAROL Farben Lacke Bautenschutz GmbH · Roßdörfer Straße 50 · D-64372 Ober-Ramstadt · Internet www.caparol.com · E-Mail info@caparol.de