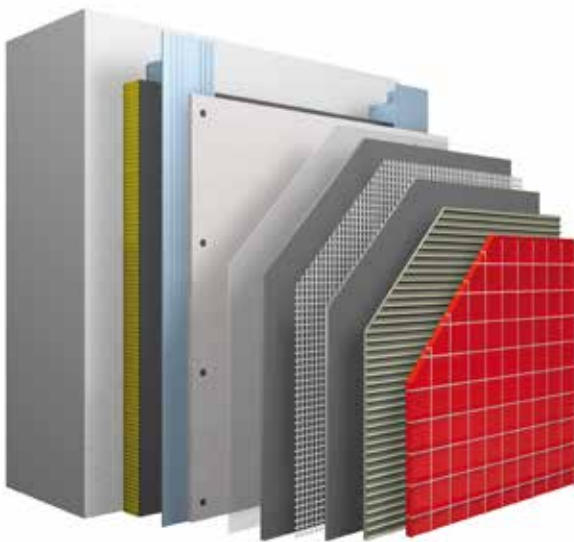




StoVentec Carrier-Board Facade

StoVentec M: Maximum design variety with glass mosaic



The StoVentec Carrier-Board Facade is successfully used both in the construction of new buildings and in refurbishment. It provides a quick and high-quality solution especially for moist or extreme substrates with glass mosaic as the top coat. Thanks to ventilation of the system, the masonry and insulation remain permanently dry, protected and functional. The multilayer structure also adds to improved sound protection. The large number of brilliant colours as well as the different sizes and thicknesses of the glass mosaic tiles lend facades a distinct character.

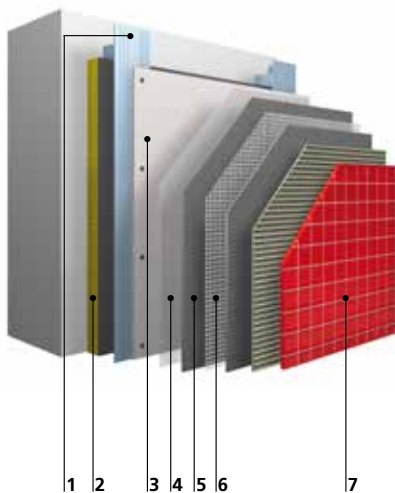
StoVentec M

Radiant facades with exclusive system technology

Surfaces tiled with glass mosaic are fascinating due to their luminous reflectance, and at the same time they fulfil the demand for resistance and durability. The carrier board of the StoVentec G system forms an excellent adhesion primer for glass mosaic tiles as top layer. Besides glass mosaic, StoDeco Profiles, and Rustications, the StoVentec Carrier-Board Facade is also perfectly suited for the application of ceramics (StoVentec C), glass (StoVentec G), render (StoVentec R) and natural stone panel tiles (StoVentec S).



Garage, Austin, Texas, USA



StoVentec M
system build-up

- 1 Sub-construction
- 2 Insulation
- 3 Carrier board
- 4 Primer
- 5 Base coat
- 6 Reinforcing coat with glass fibre mesh
- 7 Top coat: glass mosaic

Overview of StoVentec M

Areas of application:

- Existing and new buildings. Installation limits according to national building regulations
- Wall structures: masonry (concrete, lime sandstone, brick, porous concrete), concrete slab construction (three-layer concrete slab) and fair-faced masonry
- Levels unevenness by means of a flexible sub-construction
- Onto external walls in timber construction

Properties:

- Lowest thermal bridge coefficients due to own sub-construction made from a combination of stainless steel and aluminium
- Improvement of up to 10 dB (A) in the airborne sound insulation index
- Highly effective thermal insulant
- Highly weather-resistant
- Limited combustibility
- Non-combustible with StoVentec Carrier Board A and mineral coating procedure (A2 s1 d0 in accordance with DIN EN 13501 after permission from the responsible authority where necessary)
- Very high crack resistance
- Highly resistant to mechanical stress
- Resistant to microorganisms (algae, fungi)

Appearance:

- Sto-Glass Mosaic (glass mosaic tiles)
- Can be combined with StoDeco Facade Profiles and StoDeco Rustications

Application:

- Complete detail solutions
- Fast installation
- Curvatures can be implemented

Approvals:

The relevant European and/or national approvals apply.

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The detailed technical specifications and information on the products contained in the Technical Data Sheets and approvals must be observed.