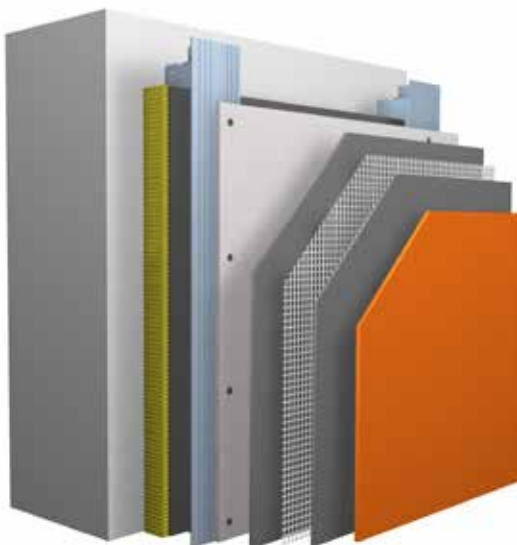




StoVentec Carrier-Board Facade

StoVentec R:
Maximum design variety
for seamless rendered facades



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 and combines this with the benefit of a seamless surface. 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. There are almost no limits to facade design thanks to the variety of render textures and colours.

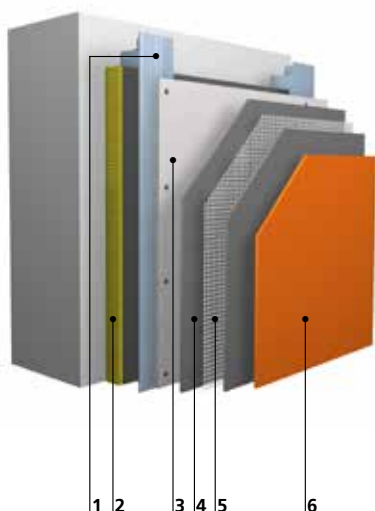
StoVentec R

Flexible and versatile

The carrier board of the StoVentec R system forms an excellent adhesion primer for facade renders with numerous textures as well as grain sizes. It is formable in such way that even bent surfaces can be cladded perfectly. When it comes to colours, the StoColor System provides a wide range of design options. Even very dark facade surfaces pose no problem. Besides facade renders, StoDeco Profiles and Rustications, the StoVentec Carrier-Board Facade is also perfectly suited for the application of ceramics (StoVentec C), glass (StoVentec G), glass mosaic (StoVentec M) and natural stone panel tiles (StoVentec S).



Office building Lumenart, Croatia, Pula
Architect: Rusan Arhitektura, Croatia, Zagreb



**StoVentec R
system build-up**

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

Overview of StoVentec R

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), particularly in conjunction with a complementary paint system

Appearance:

- Organic, silicone resin, and mineral renders
- Tintable in accordance with the StoColor System
- No limitation to the lightness value with an organic structure
- Can be combined with StoDeco Facade Profiles and StoDeco Rustications

Application:

- Efficient installation through use of StoSilo technology and construction site logistics
- 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.