

# Torggler

## Restoration

# PANEL LIFE

**Calcium silicate panel for interior applications, to resolve the problems of surface condensation, mould and harmful salts.**



- Good thermal insulation
- High water vapour diffusion
- Non-combustible
- Natural non-hydraulic lime and silicate based product
- Can prevent the formation of surface condensation
- Simple, fast and economical to use



### APPLICATION AREAS

- Indoor environments with a high amount of rising damp
- Rooms with poor thermal insulation and thermal bridges
- Walls and ceilings that have a high amount of mould and microbiological growth

### TYPES OF SUBSTRATE

Concrete substrates, brick and/or stone masonry, mortars, plasters and mineral skimming compound.

### FEATURES

Calcium silicate panel for interior applications, non-combustible, environmentally friendly, with high capillary capacity for absorption of moisture, with excellent vapour permeability and thermal insulation for solving recurring problems of damp, mould or poor domestic climate control. Also suitable for restoration of historic buildings, surface condensation, mould and harmful salts.

## WARNINGS

- Do not use for outdoor applications
- Do not apply under direct sunlight, under highly humid conditions or in the presence of strong wind.
- When applying and working the system, the temperature of the surrounding environment and the substrate must be between +5°C and +30°C.
- Protect from frost for at least 3 days while the system is hardening

## INSTRUCTIONS FOR USE

After properly evaluating the conditions, prepare the substrate for the eventual application with Deep Cleaner if mould and microbiological growth are present on the surface, thus removing the surface growth by mechanical means; after 24-48 hours apply a primer coat of Shield to the Panel soffit then lay the Panel<sup>life</sup> using Bond&Finish as an adhesive. Complete the installation process by leveling Panel with Bond&Finish, inserting the Torggler R4 fiberglass mesh before the finishing coat.

## WAITING TIMES

After the system has been installed, additional finishing and/or painting of the surface can be done after 7 days as long as they are sufficiently breathable.

## TECHNICAL SPECIFICATIONS

PARAMETER AND TEST METHOD	VALUE
Density	225 kg/m <sup>3</sup>
pH	10
Resistance to compression	2,6 N/mm <sup>2</sup>
Total porosity (EN 993-1)	91%
Short-term water absorption (EN ISO 29767)	28 kg/m <sup>2</sup>
Water vapour permeability $\mu$	3
Thermal conductivity $\lambda_{10 \text{ dry}}$	0,068 W/mK
Acoustic reduction index (RW(C;Ctr) (thickness 25mm)	25 (-2;-4) dB
Thermal resistance (thickness 25mm)	0,37 (m <sup>2</sup> ×K)/W
Fire behaviour (EN 13501-1:2007 – A1:2009)	A1
Dimensions	500x305 mm, 1000x610 mm
Thickness	25 mm
Packaging	package
Packaging size	8 piece
Color	Grey
Pallet	384 pieces, 144 pieces

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