



Technical Data Sheet

THERMOPAL®-SR24

Art.-No 2 01411

Mineral-based restoration render – WTA

Properties:

- Mineral-based pre-blended mortar.
- High volume of entrained air.
- Vapour permeable.
- High salt storage capacity.
- Low consumption per surface area.
- Ready for rubbing down at an early stage.
- Hand or mechanical application.

Areas of application:

For producing vapour permeable and dry renders on to damp and/or salt containing walls in interior and exterior installations.

Technical Data:

Basis:	pre-blended dry mortar
Colour:	grey
Water demand:	approx. 6 - 6.5 litres per bag
Bulk density:	1.0 - 1.1 kg/dm ³
Consumption:	approx. 9.5 kg/m ² per cm thickness
Thickness:	see table
Packaging:	25 kg bags nett
Substrate/ application temp:	+5 °C to +25 °C
Storage:	dry, 12 months in the original unopened packaging. Use opened packaging promptly

Surface preparation:

The substrate must be load bearing and free from adhesion inhibiting media such as release agents, dust or other coatings. Remove old render/plaster, paint and laitance up to 80cm above the visible damaged area or neighbouring damaged area determined by analysis. Rake out brittle masonry joints to a depth of 2 cm and clean mechanically. Concrete surfaces must be open-pored. Where the salt content is high, pre-treat with ESCO-FLUAT. Apply a spatterdash coat of THERMOPAL-SP as a bonding aid (degree of coverage approx. 50%).

Product preparation:

THERMOPAL-SR24 can be prepared in all usual continuous mixing pumps (e.g. with the PFT-G4) with a secondary mixer. Small quantities can be mixed by hand with a drill mixer. In accordance with WTA guidelines (see reverse) THERMOPAL-SR24 can be applied at thicknesses, including a single coat, up to a maximum of 3 cm in one operation. Apply more coats for thicker renders. Strike off the previous coat with a lath and roughen up horizontally as soon as it starts to stiffen and allow to dry. Roughening up too early leads to binder concentrations at the surface and can cause shrinkage cracks.

Allow 1 day waiting time per mm of thickness.

Important advice:

- Protect areas not to be treated from the effects of THERMOPAL-SR24.
- Very damp substrates can cause possible delayed waiting times before roughening up.
- Protect from strong sunlight.
- Smooth surfaces can be achieved by trowelling with THERMOPAL-FS33.
- For coloured finishes add the silicate colour ADICOR-SK.
- Observe the WTA information sheet "Restoration renders" when planning and implementing renovation.

Please observe a current EU safety data sheet.

GISCODE: ZP1

THERMOPAL®-SR24

Table:

Measures in connection with degree of salting in accordance with WTA

Degree of salting ¹⁾	Measures	Thickness (cm)	Notes
low	1. Spatterdash coat 2. THERMOPAL-SR24	≤ 0.5 ≥ 2.0	Do not completely cover with spatterdash coat
medium to high	1. Spatterdash coat 2. THERMOPAL-SR24 3. THERMOPAL-SR24	≤ 0.5 1–2 1–2	Total thickness: Min. 2.5 cm, max. 4 cm roughen up previous coat
	1. Spatterdash coat 2. THERMOPAL-GP 1 1 3. THERMOPAL-SR24	≤ 0.5 ≥ 1.0 ≥ 1.5	Drying time of individual coats 1mm/day

¹⁾ To be determined and calculated by pre-testing.