

WTA preparatory renovating sprayed mortar









Material number	Contents	Unit of quantity	Packaging	Colour
201419002	25	KG	Bag	Grey

Product features

- Cementitious pre-blended dry mortar
- WTA-certified

Advantages

- Vapour permeable
- Low consumption per surface area
- very good bonding for cementitious substrates
- very good bonding for subsequent plaster layers

Areas of application

- Pre-sprayed mortar
- For interior and exterior use





Technical Data

Material properties

Product components	1 component system		
Base material	Pre-blended dry mortar		
Consistency	Filler consistency		
Grain size max	< 4 mm		
Compressive strength (classification DIN EN 998-1)	CS IV		
Tensile adhesion strength (28 days)	≥ 0.08 N/mm²		
Capillary water absorption	Wc0		
Water vapour diffusion coefficient µ	< 25		
Thermal conductivity λ (Lambda)	approx. 0.83 W/m * K		
Durability (frost resistance)	Resistant when applied in accordance with TM		
Classification of the reaction to fire in accordance with DIN EN 13501-1	A1		
Mixing			
Mixing time	approx. 3 minutes		
Water addition	From 6.5 to 7 per 25 kg		
Application			
Substrate/application temperature	from 5 °C to 30 °C		
Pot life	approx. 90 minutes		
Method of application, max. layer thickness per application step	to 5 mm		
Consumption per m ² (50% degree of coverage)	approx. 3 kg		
Consumption per m ² (complete coverage)	approx. 5 - 6 kg		
Can be overcoated on non-absorbent substrate (min.)	after 24 hours		
Can be overcoated on absorbent substrates (min.)	after 6 hours		
Hardening process per 24 hours	min. 1 mm		

Application technology

Aids/tools

- Stirrer (approx. 500-700 rpm)
- Suitable mixing paddle
- Trowel
- Spray equipment
- Flat trowel

Machine application

THERMOPAL®-SP can be mechanically applied. For precise information, see the additional Technical Information No. 43.

Substrate preparation

Requirement for substrate

- 1. Load-bearing
- 2. Free of adhesion inhibiting substances

Preparing the details

Scrape out crumbly masonry joints approx. $2\ \mathrm{cm}$ deep and clean the surfaces mechanically.

Preparing the surface

- 1. Remove old, damaged plasters, paints or coatings from the substrate.
- 2. Clean the substrate and replace or repair destroyed stones in the masonry work.
- 3. Pre-treat it with ESCO-FLUAT in case of high salt content.
- 4. Slightly pre-wet the highly absorbent substrate to prevent burning.





Usage

Measures depending on the degree of salting in accordance with WTA

Degree of salting	Measures	Layer thickness (cm)	Comments		
Low	1. THERMOPAL-SP 2. THERMOPAL-SR24/THERMOPAL-ULTRA/THERMOPAL-ULTRA-white	≤ 0.5 ≥ 2.0			
Medium to high	1. THERMOPAL-SP 2. THERMOPAL-SR24/THERMOPAL-ULTRA/THERMOPAL-ULTRA-white 3. THERMOPAL-SR24/THERMOPAL-ULTRA/THERMOPAL-ULTRA-white	≤ 0.5 1.0– 2.0 1.0– 2.0	Overall thickness: min. 2.5 cm; max. 4 cm roughen previous layers well		
	1. THERMOPAL-SP 2. THERMOPAL-GP11 3. THERMOPAL-SR24/THERMOPAL-ULTRA/THERMOPAL-ULTRA-white	≤ 0.5 ≥ 1.0 ≥ 1.5	Drying times of the individual layers: 1 mm/day		
ıldentify and evaluate through preliminary inspections.					

Mixing

- 1. Put the water into a clean mixing bucket and mix with the powder component with a stirrer to produce a homogeneous, lump-free mass.
- 2. The mixing time is ca. 3 minutes.

Application

- 1. The material is applied in a net shape for subsequent plaster build-ups with restoration plasters. (degree of coverage ≤ 50%)
- 2. The application must cover the whole area for subsequent applications with mineral waterproofing slurries or quarry stone substrates.
- 3. The splatterdash coat should only be applied thinly, max. 5 mm.

Storage conditions

Storage

Store in a cool and dry place. Min. 12 months in the original canister. Promptly use opened canister.

Disposal

Product leftovers can be disposed of in accordance with disposal code AW 17 01 01.

Notes

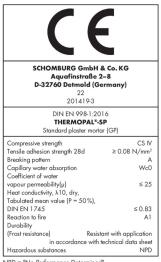
Protect surfaces that are not to be treated from the effects of THERMOPAL®-SP!

GISCODE: ZP1



Annotations

Conformity / Declaration / Verification



NPD = "No Performance Determined"

The rights of the buyer with regard to the quality of our materials are based on our terms and conditions of sale and delivery. Our technical advice team will be happy to advise you in the case of requirements that exceed the scope of the application described here. In order to be binding, a legally binding written confirmation is required. The product description does not release the user from a duty of care. Lay a test area in the event of uncertainty. This version becomes invalid in the event of a new version being issued.

