

## Coving Mortar ES

### DESCRIPTION:

Coving Mortar ES is a two-component thixotropic restoration mortar based on a combination of epoxy resins with refined quartz fillers. The grey mortar is easily layered with a colour and has a slightly light texture. Eurostep Coving Mortar ES was specifically designed to make coved sanitary skirting but can also be used for:

- Repairing holes and damaged joint edges in concrete, cement and stone surfaces.
- Stiff joint filling of wide and rigid joints. Filling and sealing (non-movable) cracks.

### CONSUMPTION:

Product	Consumption
Coving mortar ES	1,25 kg/m <sup>2</sup> /mm

### APPLICATION:

Touch-dry @ 20°C  
8 hours

Light traffic @ 20°C  
24 hours

Fully cured @ 20°C  
7 days

Processing time is roughly 60 minutes at +20°C but will be longer at lower temperatures and shorter at higher temperatures and when mixing large amounts of compacted material.

First apply a primer using Epoxygel.  
Apply the mortar while still viscous.

Can be applied to vertical surfaces without shuttering in 25 mm thick layers.  
Maximum horizontal layer thickness is 60 mm.

When fully cured check adhesion by lightly tapping using a hammer.

### PROPERTIES:

Quick drying  
Shrink-proof  
Curing is unaffected by high humidity levels  
Extremely good adhesion to concrete  
High mechanical resistance  
Extremely durable  
Thixotropic, will not flow  
Solvent-free  
Content matter  
~ 100%  
Adhesive strength 1 (N/mm<sup>2</sup>)  
> 1,5  
(concrete failure)

. 1 = EN 4624, 14 days / + 23 °C / 50% R.H

### PACKAGING:

**Component A:** 9,61 kg resin with quartz  
**Component B:** 0,39 kg hardener  
**Set:** 10 kg

### FORM:

**Component A:** Quartz mixture  
**Component B:** Liquid, yellowish to brown

### COLOR:

- Grey

### APPLICATIONS:

- Repairing holes
- Coving
- Sanitary skirting
- Stiff joint filling

## **SUBSTRATE PREPARATION:**

Concrete, mortar, natural and stone substrates:

The substrate must be clean and dry and free of dirt, oil, grease and other soiling and must be sound and sufficiently compression-resistant (at least 25 N/mm<sup>2</sup>), with a minimum adhesive strength of 1.5 N/mm<sup>2</sup>.

All dust, loose and friable material must be fully removed from all surfaces before applying the product, preferably using a brush and/or industrial vacuum cleaner.

Previous layers and coatings must be removed so as to create an open textured surface free of cement laitance.

When in doubt always perform a preliminary adhesion test

## **REMARKS:**

During application and curing protect from moisture and rain.

The incorrect assessment and treatment of cracks may lead to a reduced service life and recurrent cracking.

If heating is required, do not use gas, oil, paraffin or other fossil fuel burners.

These produce large quantities of CO<sub>2</sub> and water vapour, which can adversely affect the finish.

For heating, only use electrically powered hot air ventilation systems.

## **LEGAL NOTICE:**

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## **HEALTH AND SAFETY:**

For information and advice on the safe handling, storage and disposal of chemical products, the user should consult the most recent product safety data sheet consult, regarding the physical, ecological, toxicological and other safety-related data.

## **VALUE BASE:**

All technical data stated in this technical data sheet is based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

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