Coving Mortar White and Grey

Description

Quartzline Coving Mortar is a two-component thixotropic restoration mortar based on a combination of epoxy resins with refined quartz fillers. The white mortar is easily layered with a colour and has a slightly firmer texture compared to the grey mortar which has a lighter texture. Quartzline's Coving Mortar 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.

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^2)	> 1,5 (concrete failure)

[1] = EN 4624, 14 days / + 23 ºC / 50% R.H

Form

Thixotropic mortar in white or grey.

Packaging

10 kg. sets

White: Component A = 9,70 kg : component B = 0,30 kg
Grey: Component A = 9,56 kg : component B = 0,44 kg

Shelf life/storage

Up to 12 months after production date if kept in the original, sealed, unopened and undamaged packaging and stored dry between +5 ºC and +30 ºC.

Application

Add component B to component A and mix for a minimum of 3 minutes using a power mixer on low speed, from 300 to 400 RPM, with a Quartzline WK90 mixer paddle.
Once a homogeneous grey or white consistency has been achieved pour the materials into a clean second container and mix again to achieve an even consistency.
Do not mix more than can be applied within the processing time limit.

System construction

Primer: To enhance adhesion on vertical surfaces first apply Quartzline Epoxygel primer.

Repair mortar: ***Quartzline Coving Mortar White or Grey***

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Consumption

White: 1,90 kg/m²/mm
Grey: 1,25 kg/m²/mm

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/mm²), with a minimum adhesive strength of 1.5 N/mm².
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

Application conditions

Surface temperature:	Minimum 10ºC, maximum +30ºC
Ambient temperature:	Minimum 10ºC, maximum +30ºC
Moisture content substrate:	< 4% moisture Perform a carbide measurement.
Relative air humidity:	Maximum 75% R.H.
Dew point:	Beware of condensation!

The substrate and uncured floor must be at least 3ºC above dew point to reduce the risk of condensation or efflorescence on the floor finish.

Application

Touch-dry @ 20ºC	8 hours
Light traffic @ 20ºC	24 hours
Fully cured @ 20ºC	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 Quartzline 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.

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_2 and water vapour, which can adversely affect the finish. For heating, only use electrically powered hot air ventilation systems.

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.

Health and safety information

For information and advice on how to the safely handle, store and dispose of chemical products, users should refer to the most recent material safety data sheet containing physical, ecological, toxicological and other safety related data.

Legal notes

This information, and in particular the recommendations related to the application and end use of Quartzline products, is provided in good faith based on our current knowledge and experience of the products. It is valid for products that are correctly stored, treated and applied under normal conditions in accordance with Quartzline's recommendations.

In practice, differences in materials, substrates and actual on-site conditions are such that no warranty in respect of merchantability or of suitability for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered.
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