



Framework Mortar

Infiller mortar

Colour	Availability	
	Quantity per pallet	30
	Size / Quantity	20 kg
	Type of container	PE bag
	Container code	20
	Art. no.	
grey (inherent colour)	0505	■

Application rate

Approx. 7.0 kg/m²/cm layer thickness

Apply to a large enough trial area to determine the precise amount required.



Range of use

- Mineral infiller mortar, undercoat and finishing coat render for framework constructions



Property profile

- Promotes drying
- Single-layered application thickness 30 - 80 mm as an infiller mortar
- Single-layered application thickness 10 - 30 mm as a rendering mortar

Characteristic data of the product

Bulk density	Approx. 0.7 kg/dm ³
Thermal conductivity λ	Approx. 0.2 W/(m·k)
Capillary water absorption w ₂₄	> 1 to < 3 kg/m ²
Water vapour diffusion resistance	μ < 12
Water requirement	Approx. 10.5 l/20 kg
Reaction to fire (DIN EN 998-1)	Class A1
Compressive strength (28 d)	CS II (mean 3.0 N/mm ²)
Dynamic E-modulus	Approx. 6000 N/mm ²
Maximum grain size	Approx. 2.5 mm



The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

Preparation

■ Substrate requirements

Clean, dust-free and capable of supporting a load.

■ Substrate preparation

Check any remaining old infilling to verify that it is structurally stable and can be sufficiently covered (at least 3 cm).

Protect the surface of the framework against dirt.

Use industry standard chamfer strips or trapezoidal strips to secure the infill.

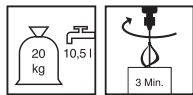
When the framework is completely filled, attach formwork on one side.

Existing staking can be used for support.

Work wooden parts to be covered back down to the sound wood.

Replace missing wooden elements with similar ones.

Production of the mixture

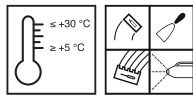


■ Mixing

Pour water into a clean container and add dry mortar.

Mix thoroughly for approximately 3 minutes until the proper consistency for working has been achieved.

Directions



■ Conditions for use

Temperature of the material, air and substrate: from min. +5 °C to max. +30 °C.

Low temperatures increase, while high temperatures decrease the working and setting time.

■ Working time (+20 °C)

Approx. 20 minutes

Apply mortar by hand; for layer thicknesses greater than 15 mm, throw on or apply using a rendering machine.

Complete filling of framework is carried out in multiple individual layers of up to approx. 15 mm below what will later be the final surface, at a rate of max. 80 mm layer thickness/day.

Rendering of framework is carried out in multiple individual layers of up to approx. 15 mm below what will later be the final surface, at a rate of max. 30 mm layer thickness/day.

Strip and roughen the surface in preparation for applying further render layers.

Using a knife, separate individual render layers from the wood on all sides.

Waiting time before applying the finishing coat: 1 day/mm layer thickness.

Once the finishing coat has lost its gloss, carefully rub it with a soft sponge float.

Tips on use

Once it has hardened, mortar must not be made workable again by adding either water or more wet mortar.

Protect wet mortar surfaces against frost, rain and drying out too quickly for at least 4 days.

Hairline/shrinkage cracks are safe and are not cause for complaint as they do not impair the properties of the mortar.

Notes

May contain traces of pyrite (iron sulphide).

Low chromate content in accordance with Directive 2003/53/EC.

The mixing water must be of drinking water quality.

Always set up a trial area/trial areas first.

Do not use on gypsum-based substrates.



The characteristic data of the product were calculated under laboratory conditions at 20°C and 65% relative humidity.

Deviations from applicable regulations must be agreed separately.

The relevant test certificates must be observed when planning and carrying out work.

Tools / Cleaning

Mixing tool, levelling rule (aluminium), scraper, trowel, render comb, broom, nail float



Clean tools and equipment with water before the mortar sets.

Storage / Shelf life

If stored in an unopened container and in a dry place, the product will keep for approx. 12 months.



Safety data / Regulations

For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet.

Disposal

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.