



NHL Top Historic

Finishing render based on NHL 5

Colour	Availability	
	Quantity per pallet	30
	Size / Quantity	25 kg
	Type of container	PE bag
	Container code	25
	Art. no.	
grey	0490	■

Application rate

Approx. 1.6 kg/m²/mm

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



Range of use

- Finishing render for the repair, renovation and restoration of old building facades and historic buildings and monuments



Property profile

- Formulated according to the principles of historic building protection
- Cement-free
- Low-stress hardening behaviour
- Low modulus of elasticity
- Moisture- and climate-regulating

Characteristic data of the product

Layer thickness	Max. 20 mm
Water requirement	Approx. 16.5%, corresponds to 4.1 l / 25 kg
Reaction to fire	Class A1
Compressive strength (28 d)	3.5 N/mm ²
Flexural tensile strength (28 days)	0.9 N/mm ²
Maximum grain size	Approx. 1.2 mm

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

Possible system products

- [NHL Levell Historic \(0491\)](#)

Preparation

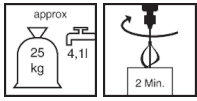
- Substrate requirements
Clean, dust-free and capable of supporting a load.
- Substrate preparation
Pre-wet the substrate so that it is slightly moist.

Substrate: absorbent with low strength
Apply product as a bonding layer > 50% opaque.

Substrate: weakly absorbent
Apply product as a scratch coat (contact layer).

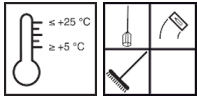


Production of the mixture



- **Mixing**
Pour water into a clean container and add dry mortar.
Mix thoroughly and uniformly with a mixer for approx. 2 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. +25 °C.
Low temperatures increase, while high temperatures decrease the working and setting time.

- **Working time (+20 °C)**
Approx. 120 minutes

Using a suitable tool, apply the product as a contact layer.
Briefly leave to semi-harden then apply the entire coating thickness.
Maximum layer thickness approx. 20 mm (depending on the specific formulation).
Smooth the surface using a suitable tool.
Finish with a wooden or plastic board.

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

The mixing water must be of drinking water quality.
May contain traces of pyrite (iron sulphide).
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.

Tools / Cleaning

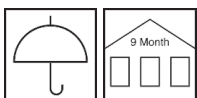


Mixing tool, fine plaster trowel, smoothing trowel, broom

Clean tools with water while the material is still fresh.

- Remmers tools
- [Mischgefäß \(4030\)](#)
 - [Collomix® Stirrer KR \(4292\)](#)
 - [Smoothing Trowel \(4004\)](#)
 - [Aufziehplatte \(4436\)](#)

Storage / Shelf life



If stored dry in closed containers, the product will keep for approximately 9 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.