



NEODUR NSK white

natural stone adhesive on the basis of white cement
**FOR THE FIXING OF NATURAL STONE TILES
 IN MEDIUM-BED LAYING PROCEDURE**

DESCRIPTION

NEODUR NSK white – dry mortar acc. to DIN 18557 on the basis of white cement and silica sand (0-0,7 mm), with additives to improve the mortar properties. Frost-resistant, low chromate content acc. to TRGS 613.

APPLICATION

NEODUR NSK white is qualified for the fixing of calibrated natural stone tiles acc. to DIN 18332 on concrete, plaster and screed, for indoor and outdoor use.

NEODUR NSK white is a system component for the fixing of natural stone and concrete tiles on drainage mortar for trafficable surfaces in fix construction.

PROPERTIES

- reduces efflorescences
- high bond strength
- water-proof, frost-resistant
- durable and non deforming
- ecological and non-toxic

TECHNICAL DATA

colour: white
compressive strength: > 25 N/mm²
flexural strength: > 7 N/mm²
bond strength: > 1,5 N/mm²
processing time: approx. 20 minutes
processing temperature: +5°C / +25°C

Values on job-site may deviate from the mentioned laboratory values.

PROCESSING

Processing: The sub-base must be solid, clean, free from dust and other separating substances. The tiles to be laid must be free from any kind of contamination. Higher temperature, wind (air-draught) will shorten the open time for the laid tile.

For trafficable areas, a sub-construction with adequate load-bearing capacity is required to sustain the expected traffic stress (control!).

The sub-base tolerances in the bedding mortar course should be at max. 5 mm. The water-permeable sub-construction, the bedding and the tiles must fulfill the demands of RStO respectively DNV.

Mixing: **NEODUR NSK white** is to be mixed lump-free with approx. 6,5 l water per bag,

Tiling: In case the tiles are laid on smooth sub-base (concrete, screed, plaster) firstly apply a thin contact layer on to this sub-base, secondly apply on the fresh contact layer a bedding course using a toothed spatula. Then immediately lay the tiles with saturated embedding.

When tiling on drainage mortar, the freshly mixed mortar is applied on the key side, using toothed spatula. Tooth size of spatula according to the size of tiles.

AFTER-TREATMENT

Immediate covering of the laid tile area with foil until pointing takes place.

STRESS

Ready to walk on and pointing after 24 h. Ready for full stress after 14 days.

TO BE OBSERVED

Do not use already set mortar. For large surfaces movement joints have to be planned and carried out. The relevant norms and guidelines have to be observed.

Further **NEODUR-mortars** as system-components: **DM, DMC, PFM-EP, PFM-PU, PFM-ZE Flex**

SUPPLY/DELIVERY

25 kg special paper bags

STORAGE

Dry, like cement.
 Shelf-life approx. 3 months.

CONTROL

In-company and outside controls
 Cert.: DIN EN ISO 9001:2008

HINTS

This product contains cement and has an alkaline reaction with moisture/water. Therefore protect hands and eyes. In case of contact with eyes consult a doctor. Our recommendations for application techniques are based on our experiences. It is recommended to adapt processing and material quantities to the given local conditions and we refer in this context to our general terms of sale and delivery.

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KORODUR International GmbH

Head Office:
 Wernher-von-Braun-Str. 4
 92224 Amberg
 P.O.Box 1653 • 92206 Amberg
 Phone: +49 (0) 96 21 / 47 59 - 0
 Telefax: +49 (0) 96 21 / 3 23 41
 info@korodur.de

www.korodur.de

Bochum-Wattenscheid Works:
 Hohensteinstr. 19
 44866 Bochum
 P.O.Box 60 02 48 • 44842 Bochum
 Phone: +49 (0) 23 27 / 94 57 - 0
 Telefax: +49 (0) 23 27 / 32 10 84
 wattenscheid@korodur.de

