NEXLER WL

Asphalt-rubber binder

TECHNICAL DATA

Composition	aqueous emulsion of asphalts, rubbers and performance additives
Density	1,0 g/cm³
Time interval between applying individual layers	approx. 3 h
Resistance to rain	approx. 6 h
Backfilling the excavation	after 3 days, no later than after 3 months
Dilution capacity of mass in water	no less than 200% (*V/V*)
Vertical flowability of the coating **- within 5 h** **- at temperature 100 °C**	does not flow
Flexibility of the coating at temperature -10 °C, when bending on a roller with a diameter of 30 mm	no scratches or cracks
Permeability of coating at 1 000 mm water column in 48 h	unacceptable
Coat formation time	no later than 6 h
Application temperature	from + 5°C to + 30°C
Consumption: - priming - damp-proof insulation - gluing EPS borads	 0,2 kg/m² 1,5 kg/m²/mm 1 - 1,5 kg/m²
Reference document(s)	PN-B-24000:1997

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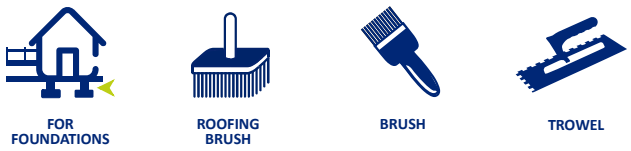
- Ready-to-use
- Quick and easy to use
- Excellent adhesive properties
- Very good adhesion to mineral substrates
- Solvent-free, eco-friendly
- Safe in contact with polystyrene foam
- Creates insulation resistant to weather conditions

APPLICATION

- Bonding of rigid polystyrene (EPS) boards
- Priming mineral substrates
- Vertical damp proofing of foundation walls



PACKAGING

Poland

- Plastic buckets: 20 kg
- Quantity per pallet:
  - 20 kg - 33 pcs.

Export

- Plastic buckets: 10 kg, 20 kg
- Quantity per pallet:
  - 10 kg - 60 pcs.
  - 20 kg - 33 pcs.

METHOD OF USE

CONDITIONS OF USE

The temperature of the substrate and air during the works should be from + 5°C to + 30°C. Works should not be carried out during precipitation and strong sunlight.

SUBSTRATE PREPARATION

The surface must be properly prepared before applying **NEXLER WL**. The substrate intended for product application must be bound, seasoned, loadbearing, not frozen. If the substrate is contaminated with petroleum-based agents, these must be removed effectively. The substrate should be cleaned mechanically, dust, tarnish, any loose pieces and layers, sharp protruding edges and impurities that worsen adhesion should be removed. If there are cavities in the substrate (honeycombing, gravel pockets and other unevenness), it should be repaired, filled and levelled. Partitions made of small size elements should have an equal face, a full joint. The substrate on which the product will be used must be continuous.

Before applying the waterproofing material, minerals substrates (concrete, plasters) should be primed with **NEXLER WL** diluted with water in a 1 : 1 ratio. For materials with reduced absorption, hydrophobized, (e.g. "waterproof concrete"), use NEXLER BITFLEX Primer for priming.

Edges and corners: The exterior right angles should be chamfered (bevelled), while the interior angles should be properly rounded by making facets. On mineral substrates, a facet can be made of mineral mortar e.g. NEXLER RENOBUD R 103 (radius 4 - 5 cm) or PMBC (KMB) compound e.g. NEXLER BITFLEX 1KP (radius 2 cm). On bituminous substrates make a facet of PMBC (KMB) compound. A cat's tongue trowel is best suited for creating facets.

PRODUCT CONTROL

Check the production date on the packaging before use. The product should not be incorporated beyond its shelf life. The product should not be objectionable (e.g. lumps, fibres, discolouration) after opening. After mixing, the compound should be homogennemu and free of lumps and clumps resulting from under-mixing. Do not usea product that bears signs of frostbite. The correct consistency of the product is not dry or rubbery. When properly mixed, the product forms a homogeneous coating when spread over the surface witha tool.

PRODUCT PREPARATION

Substrate priming: Before use, **NEXLER WL** should be diluted with water in 1 : 1 ratio (water : **NEXLER WL**).

Making damp-proof coatings and bonding insulation: Stir thoroughly before use, and repeat mixing from time to time during application.

APPLICATION METHOD

Substrate priming: NEXLER WL, diluted with water, should be applied with of a brush or roofing brush to a properly prepared surface.

Damp proofing of underground parts of buildings: Apply **NEXLER WL** to a previously primed substrate without diluting with a brush or a trowel, so that the dry residue is at least 1 mm thick. Each operation should take place after the previous layer has dried.

Backfilling the excavation: The time for the waterproofing to bind completely, allowing the trench to be backfilled, is approximately 3 days.

Bonding of thermal insulation boards on foundation walls: Apply thermal insulation boards after the waterproofing layer has fully set (dried). Hydrophobized insulation boards should be sanded before bonding. Apply **NEXLER WL** in spots on thermal insulation boards (8 - 10 palm-sized spots). Then wait approx. 15 - 20 minutes before bonding the board. A sign that the waiting time was too long is a change in the colour of the compound from brown to black. After the wait, the boards should be applied and firmly pressed against the levelled substrate. Start the bonding from the bottom of the excavation. Thermal insulation boards are recommended to be supported on the footing offset and, if this is not possible, to be supported during binding. Backfilling the excavation can be done after 3 - 7 days, after full bonding properties of the compound are obtained.

When bonding thermal insulation boards in the plinth zone, it is recommended to attach them mechanically due to the possibility of non-standard loading of the wall - plinth, e.g. with a facade plate. Do not close the space between the polystyrene and the foundation wall tightly. During rain, the unbound compound should be protected from rainwater by covering the gap between the polystyrene foam and the wall.

CONTROL OF PERFORMANCE

When fresh, check the consumption of the material per unit and/or dedicated area on an ongoing basis. A properly primed surface, after the solution has dried, should have a uniform colour, without streaks and discoloration. After it has dried, a properly made coating should be a uniform, clean coating, without flakes and other defects. The coating should adhere closely to the primed substrate.

TOOLS AND TOOL CLEANING

Low-speed stirrer, steel float, notched trowel, float.

Wash tools with water during work and after its completion, and wipe dry. If the product dries, clean with organic solvents or mechanically.

STORAGE AND TRANSPORT

The shelf life of the product is 12 months from production date specified on the packaging. Store in dry and cool rooms, at temperature above +5°C, in tightly sealed, original packaging. The product must be protected from heat and direct sunlight.

NOTES

Works should be carried out in accordance with technical conditions, manufacturer's instructions, health and safety standards and regulations. For information on how to deal with symptoms of disease, allergies or irritation of the skin or eyes, please refer to the Safety Data Sheet (www.nexler.com).

After work the remaining content of the product and container should be handed over to authorized companies.

GENERAL RECOMMENDATIONS

Technical data and information on the method of use are given for a temperature of 23°C ± 2°C and a relative air humidity of 55%.

In other conditions, the setting (drying) time may change significantly. The consumption of the product given in this sheet depends on the preparation of the substrate.

Do not use for tar materials. Do not use for priming waterproof concretes.

SAFETY INFORMATION

May cause an allergic skin reaction. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Wash hands and exposed parts of the body thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Dispose of contents/container to according to the instructions of the manufacturer or person authorized to dispose of waste.

IMPORTANT INFORMATION

Please refer to the detailed conditions of use of the product before use.

We guarantee the quality of our materials as part of our terms of sale and delivery. For buildings with special requirements that are not covered by this manual, we provide our Customers with our own professional advisory service.

The manufacturer has no influence on the improper use of the material, its use for other purposes or under conditions other than those described above. The guarantee only covers the quality of the delivered product. The correct and therefore effective use of the product is not subject to our control.

Neither the manufacturer nor his authorized representative may be held liable for any loss incurred as a result of improper use or storage of the product.

Employees of the company are authorized to provide technical information only and solely in accordance with this Technical Data Sheet. Information other than that contained in this sheet should be confirmed in writing.

If you have any doubts, consult the manufacturer.

CONTACT DETAILS

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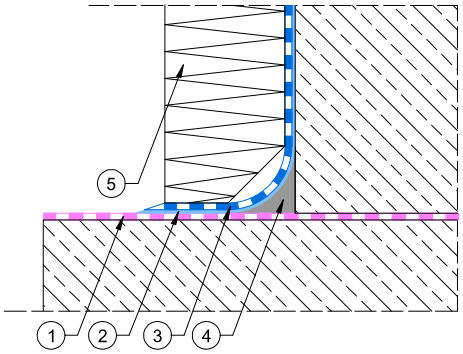
ISSUE DATE

This Technical Data Sheet was issued on 29.09.2025.

Once we have issued a new Technical Data Sheet, this one is no longer valid.

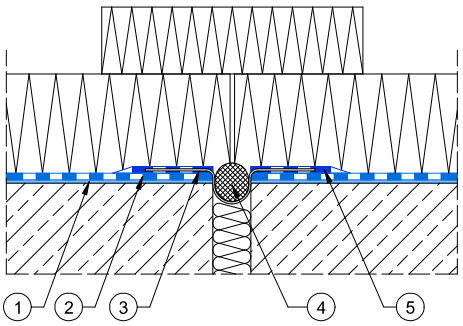
DETAILS

Detail of a footing and foundation wall connection - damp-proof insulation



1. Horizontal insulation from sealing micro-mortar NEXLER AQUAMINERAL 1K Ultra
2. Priming layer of diluted **NEXLER WL** with water 1 : 1
3. Damp-proof insulation **NEXLER WL**
4. A facet made of NEXLER RENOBUD R 103 mortar with a radius of 5 cm or made of NEXLER BITFLEX 1KP mass with a radius of 2 cm
5. Polystyrene boards, bonded by **NEXLER WL**

Detail of an expansion joint



1. Priming layer of **NEXLER WL** diluted with water 1 : 1
2. Damp-proof insulation **NEXLER WL**
3. NEXLER Sealing Tape
4. NEXLER Backer Rod
5. Sealing mass NEXLER BITFLEX 1KP