



NEXLER Arbolex U

Asphalt compound – roofing putty for repairs and seals

TECHNICAL DATA

Ingredients	mixture of asphalts, solvents, fillers and performance additives
Flowability at temperature (60 ± 2) °C and inclination of 45° after 5 h - mass on roofing felt	unacceptable mass flow
Flexibility when bending on a roller with a diameter of 30 mm at temperature -5 °C	no scratches or cracks
Pensky-Martens flash point	no less than 31 - 40°C
Water content	no more than 0,5% (m/m)
Thickness of a single layer	2 – 3 mm
Drying time - coating formation time - full resistance as an adhesive	approx. 10 h 10 - 14 days
Consumption	1,2 kg/m ² /mm
The temperature of the substrate and air during the work	from +5°C to +35°C
Reference documents	PN-B-24620:1998; PN-B-24620:1998/Az1:2004

PROPERTIES

- Very good adhesion to substrate
- Creates a waterproof coating
- Flexible
- Resistant to aggressive substances contained in the soil
- Resistant to weather conditions



WATERPROOFING



VERY GOOD ADHESION



FLEXIBLE

APPLICATION

- Repairs of damage and losses and fillings in roof coverings
- Sealing and joining flashings
- Performing local sealing of waterproofing and service penetrations
- Creating seamless waterproof coatings of concrete elements



ON THE ROOFS



NOTCHED TROWEL

PACKAGING

Poland

- Plastic buckets: 5 kg, 10 kg
- Quantity per pallet:
- 5 kg - 76 pcs.
- 10 kg - 60 pcs.

Export

- Plastic buckets: 1 kg, 5 kg, 10 kg
- Quantity per pallet:
- 5 kg - 325 pcs.
- 5 kg - 76 pcs.
- 10 kg - 60 pcs.

METHOD OF APPLICATION

▪ CONDITIONS OF USE

The temperature of the substrate and air during the works should be from +5°C to +35°C.

The product is intended for outdoor use. During the works, very good ventilation of the work area should be ensured.

▪ SUBSTRATE PREPARATION

Bituminous felt substrates should be cleaned mechanically, dust, any loose layers, sharp protruding edges and impurities that worsen adhesion should be removed. Sheet metal surfaces should be cleaned, degreased, traces of corrosion should be removed and anti-corrosion protection should be applied.

The concrete substrate intended for product application should be bonded, continuous, dry, seasoned and load-bearing. If there are cavities in the substrate, honeycombing, gravel pockets and other unevenness, the substrate should be levelled and repaired, the cavities should be filled. Any external right angles should be bevelled, and internal angles rounded off. The substrate must be free of frost, ice and water stagnation. A concrete substrate should be primed with NEXLER SBS BR primer.

▪ PRODUCT CONTROL

Check the production date on the label before use. The product should not be incorporated beyond its shelf life. The product should not be objectionable (e.g. contain lumps, fibres, discolouration) after opening. After mixing, the compound should be homogeneous and free of lumps and clumps resulting from under-mixing. Do not use a 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 with a tool.

▪ PRODUCT PREPARATION

Arbolex U is a ready-to-use product. A solvent may be released on the surface of the stored product. This does not indicate a defect or poor quality of the product. Before use, the product should be mixed until a homogeneous mass is obtained. If stored at low temperatures, the product should be placed in a warm room for a minimum of 24 hours before use.

▪ APPLICATION METHOD

Repair works: Apply **Arbolex U** with a trowel or putty knife not exceeding a thickness of 2 - 3 mm when applied in a single layer. If deeper unevenness needs to be evened out, it should be done in several working operations, applying each new layer after the previous one has dried.

Applying seamless waterproofing: Apply **Arbolex U** in a minimum of two layers with the notched side of a steel trowel with a 4 x 4 mm notch pattern, then smooth with the smooth side of the trowel.

Apply the next layer perpendicular to the previous layer. The thickness of a single layer should not exceed 2 mm. Before the next layer is applied, the previous layer must bind. Cement mortar facets, expansion joints or other areas exposed to uncontrolled cracks or displacements should be reinforced with technical (mesh) nonwoven fabric.

Gluing, sealing of flashings: Apply an appropriate amount of the **Arbolex U** compound to the substrate and press the flashing against the substrate after laying it down. When combining flashings with each other, apply **Arbolex U** with a notched putty knife, parallel to the joint, on at least 5 cm of width (joint width), and after joining the sheets, press them together until the adhesive is evenly squeezed out.

During binding, the freshly applied layer should be protected against precipitation and strong sunlight.

▪ CONTROL OF PERFORMANCE

Control on a dedicated surface. In addition, it is recommended to measure the thickness of the freshly applied sealing layer with special inspection plates. The measurement point should be filled with putty immediately.

Properly made layer, after drying, should be a uniform, clean coating, without flakes and other defects. The coating should adhere closely to the primed substrate.

TOOLS AND TOOL CLEANING

Notched steel trowel, spatula, trowel.

Wash tools in organic solvents. If the product dries, leave it in the solvent until the dirt dissolves.

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. Do not allow long exposure to high temperatures or sunlight during storage and transport.

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 Product 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 $23^{\circ}\text{C} \pm 2^{\circ}\text{C}$ 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 in contact with polystyrene. Do not use for tar materials.

SAFETY INFORMATION

Flammable liquid and vapour. Causes skin irritation. Causes serious eye irritation. May cause damage to organs through prolonged or repeated exposure. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wash hands and exposed parts of the body thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Dispose of contents/container 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.

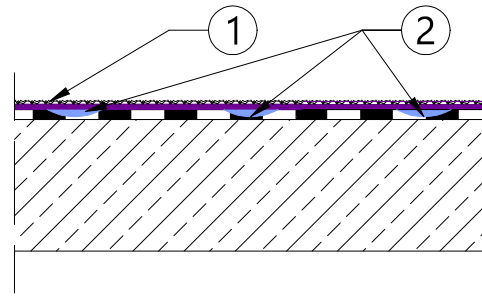
Employees of the company are authorized to provide technical information only and solely in accordance with this technical data sheet. Information other than that contained in this sheet should be confirmed in writing.

If you have any doubts, consult the manufacturer.

Once we have issued a new technical data sheet, this manual is no longer valid.

DETAILS

Renovation of a flat roof



1. Renovation layers - NEXLER Silver Protect
2. Filling of cavities in the old felt coating - NEXLER Arbolex U