



# NEXLER Silver Protect

## Silver protective and decorative coating

### TECHNICAL DATA

|   |   |
|---|---|
| <b>Composition</b>  | mixture of asphalts, polymers and aluminium pigment in the form of flakes |
| <b>Volatile compounds content</b>   | no more than 45% (m/m)  |
| <b>Pensky-Martens flash point</b>   | no less than 40°C   |
| <b>Drying after 2 h</b>   | no mark on the finger after touching the coating                          |
| <b>Water content</b>  | no more than 0,5% (m/m)   |
| <b>Flow time at temperature 23°C, cup no. 6</b>   | 25 - 50 s   |
| <b>Coating adhesion to concrete</b>   | delamination of the coating when tearing off the canvas strip             |
| <b>Flowability of the coating inclined at 45° at temperature 100°C after 5 h:</b><br>- from roofing felt<br>- from concrete | does not flow<br>does not flow  |
| <b>Flexibility when bending on a Ø 30 mm roller at temperature -5°C</b>   | no scratches or cracks  |
| <b>Resistance of the coating to 3% NaCl water solution</b>  | positive test result  |
| <b>Thickness of a single layer</b>  | 0,10 - 0,25 mm  |
| <b>Drying time of a layer:</b><br>- no staining after<br>- full dryness   | after 6 h<br>after 12 h   |
| <b>Consumption</b>  | approx. 0,15 - 0,3 l/m <sup>2</sup>                                       |
| <b>Application temperature</b>  | from +5°C to +25°C  |
| <b>Reference document(s)</b>  | PN-B-24004:1997;<br>PN-B-4004:1997/Az1:2004                               |

### PROPERTIES

- Silver colour of the coating providing a decorative effect
- Significantly extends the life of roof coverings
- Resistant to weather conditions
- Has very good coverage
- Significantly reduces the heating of the roof surface and the rooms below
- Reflect rays of sun
- Has very good adhesion to concrete, bituminous felt, sheet metal
- Hygienically certified



### APPLICATION

- Insulating and decorative coating for roof coverings made of asphalt felt and roof shingles
- For the preservation of galvanised sheet materials



### PACKAGING

- |                                 |                                 |
|---------------------------------|---------------------------------|
| <b>Polska</b>                   | <b>Export</b>                   |
| • Metal buckets: 5 l            | • Metal buckets: 5 l            |
| • Quantity per pallet: 120 pcs. | • Quantity per pallet: 120 pcs. |

## METHOD OF APPLICATION

### CONDITIONS OF USE

Do not use indoors. The temperature of the substrate and air during the works should be from +5°C to +25°C. Do not apply on a heated substrate. Works should not be carried out during precipitation and strong sunlight. During the works, very good ventilation of the work area should be ensured.

### SUBSTRATE PREPARATION

The substrate intended for product application should be bound, seasoned, load-bearing. The substrates should be cleaned mechanically, dust, any loose layers and impurities that worsen adhesion should be removed. The substrate intended for **Silver Protect** application must not be frozen or frosted. Remove rust, degrease and protect metal parts against corrosion.

Remove impurities and loose parts of old felt from the surface of felt-covered roof. Cut existing bubbles and blisters crosswise and glue them down using NEXLER Arbolex Aqua Stop roofing putty. Carry out maintenance of the roof covering. Fill holes and cavities in the old covering with NEXLER Arbolex Aqua Stop compound in order to even out the surface.

### PRODUCT CONTROL

Check the production date on the packaging before use. Do not use the product beyond its shelf life. The product should not be objectionable (e.g. contain lumps, fibres, discolouration) after opening. The product may have a uneven color, which is not constitute a defect in the product. Before use, it should be thoroughly mixed to achieve a uniform shade and the appropriate consistency. When properly mixed, the product forms a homogeneous coating when spread over the surface with a tool.

### PRODUCT PREPARATION

**Silver Protect** is a ready-to-use product. Before use, the product should be mixed until a homogeneous mass is obtained and the pigment is fully, evenly distributed. It is recommended to use a low-speed stirrer. If stored at low temperatures, the product should be placed in a warm room for a minimum of 24 hours before use. When using products from different manufacturing batches, mix all of it together to obtain a uniform colour of the decorative coating. During works the products should be mixed from time to time due to aluminium pigment deposition at the bottom of the container.

### APPLICATION METHOD

Apply the compound with a roller, brush or a spraying device, one layer as thinly as possible. Do not rub the product intensively. Intensive rubbing of the product causes discoloration and loss of the silvery colour of the coating.

### CONTROL OF PERFORMANCE

Properly applied coating should be uniformly silver, without significant discoloration after drying.

### TOOLS AND TOOL CLEANING

Brush, short-pile roller or spraying device.

Clean tools with petroleum solvents during work and after its completion.

### STORAGE AND TRANSPORT

The shelf life of the product is 24 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. The product is not sensitive to negative temperatures.

### 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](http://www.nexler.com)).

After works are finished, hand over the remaining content of the product and the container to authorised 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 the product inside rooms intended for the stay of people and the food industry. Do not use for tar materials.

### SAFETY INFORMATION

Flammable liquid and vapour. May cause respiratory irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects. 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. Avoid breathing mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection. Collect spillage. Dispose of contents/container according to the instructions of the manufacturer or person authorized to dispose of waste. Repeated exposure may cause skin dryness or cracking.

## 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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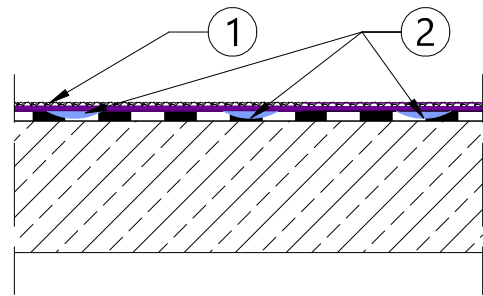
## ISSUE DATE

This Technical Data Sheet was issued on 25.03.2025.

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

## DETAILS

### Renovation of a flat roof



1. Renovation layers - **NEXLER Silver Protect**
2. Filling of defects in the old bituminous felt coating  
– NEXLER Arbolex Aqua Stop