



# NEXLER Izofol Roof

Protective and decorative coating for the roof

## TECHNICAL DATA

<b>Colour:</b>	red, brown, white, graphite, grey
<b>Density:</b>	1,30 g/cm <sup>3</sup>
<b>Number of layers:</b>	2 - 3
<b>Residual dry compound:</b>	not less than 60%
<b>Intervals between applying layers:</b>	approx. 12 hours
<b>Consumption:</b>	
- Top coat bituminous felt:	0,4 - 0,6 kg/m <sup>2</sup> per layer
- Sheet metal, wood, concrete (evened-out surface):	0,15 - 0,25 kg/m <sup>2</sup> per layer
<b>The temperature of the substrate and air during the work:</b>	from +5°C to +30°C

## PROPERTIES

- Creates a flexible coating
- Resistant to UV radiation
- Adheres well to substrates, especially to bituminous felt
- Covers microcracks
- Has thixotropic properties



## APPLICATION

- Creating flexible protective and decorative coatings on flashings and roof coverings such as bituminous felt, bituminous shingles, ceramic tiles, steel tiles and galvanized steel sheets
- Creating protective and decorative coatings of concrete elements, masonry and plasters



## PACKAGING

- Plastic buckets: 10 kg, 25 kg
- Quantity per pallet:
  - 10 kg - 60 pcs.
  - 25 kg - 33 pcs.

## METHOD OF APPLICATION

### 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. During the works, very good ventilation of the work area should be ensured.

### SUBSTRATE PREPARATION

Substrate made of bituminous felt – must be load-bearing, free from any impurities, anti-adhesion agents. Old layers of bituminous felt with poor adhesion, brittle and flaking, should be removed. Fill in the defects with weldable bituminous felt or putty e.g. NEXLER ARBOLEX AQUA STOP so as to make the surface of the roof even.

Roof coverings made of clay or cement tiles should be cleaned of moss, lichen and other impurities that hinder the adhesion of the coating. Roof slopes covered with tile or trapezoidal sheet metal should be cleaned of loose paint coverings, degreased, traces of corrosion should be removed and anti-corrosion protection should be applied. Prepared absorbent substrates should be primed with Gruntofol priming solution.

### PRODUCT PREPARATION

**Izofol Roof** is a ready-to-use product. Before use, the product should be mixed with a low-speed stirrer (250-300 rotations per minute) until a homogeneous mass is obtained, taking care not to aerate the mixture. When using product from different production batches, the product from all batches should be mixed thoroughly in a large container to achieve colour uniformity. During longer painting periods, repeat the stirring from time to time.

In case of airless spraying application, the product can be diluted with water up to a maximum of 5% by weight, provided that it is thoroughly mixed.

### APPLICATION METHOD

**Izofol Roof** should be applied in two or three layers (sensitive areas, substrates with difficult-to-cover colour) using a brush, roofing brush, paint roller or airless spraying equipment. Intervals between applying individual layers should be approx. 12 hours long. Before the next layer is applied, the previous layer must already be bound. Thickness of an individually applied layer should not exceed 0.8 mm. At vertical/horizontal joints (e.g. roof slope with chimney) it is recommended to reinforce the **Izofol Roof** coating by embedding a technical fabric (e.g. polypropylene fabric of 50-60 g/m<sup>2</sup> weight) into the first layer, turning it up to the appropriate height. When embedding the fabric, care should be taken to remove air bubbles and to thoroughly saturate it with the compound. In this case another layer of **Izofol Roof** can be applied not earlier than after 24 hours.

A fresh coat of **Izofol Roof** should be protected during setting against too rapid evaporation of water, wide temperature differences, contact with water or excessive moisture and frost.

### CONTROL OF PERFORMANCE

Thickness of a layer should be controlled by checking the material consumption on a dedicated surface.

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

## TOOLS AND TOOL CLEANING

Low-speed mixer, brush, paint roller, roofing brush. For spray application use e.g. Wagner ProSpray 3.20 with nozzle 521.

Wash tools with water during and after work and leave to dry. If the product dries, clean mechanically. Clean spraying equipment immediately after finishing works according to producer instructions of equipment.

## STORAGE AND TRANSPORT

The shelf life of the product is 12 months from the production date. Store in dry and cool rooms (at temperatures above + 5°C) in tightly closed original packaging. During storage and transport, do not allow the product to freeze and avoid prolonged exposure to high temperatures and sun.

## 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.izohan.eu](http://www.izohan.eu)).

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.

It can be applied to surfaces with any slope that ensures water run-off. **Izofol Roof** must not be used on tar materials.

The surface made of **Izofol Roof** is not intended for pedestrian traffic or other communication.

## SAFETY INFORMATION

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. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Dispose of contents/container according to the instructions of the manufacturer or person authorized to dispose of waste.

## IMPORTANT INFORMATION

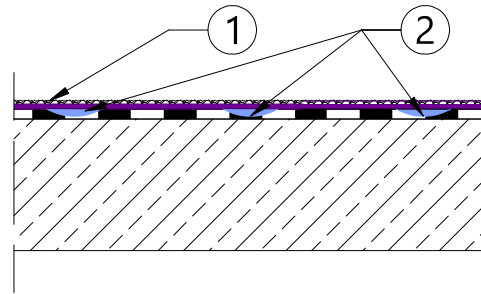
Please refer to the detailed conditions of use of the product before use. We guarantee the quality of our materials as part of our terms of sale and delivery. For buildings with special requirements that are not covered by this manual, we provide our Customers with our own professional advisory service. 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 Izofol Roof**
2. Filling of defects in the old bituminous felt coating -  
-NEXLER ARBOLEX AQUA STOP