



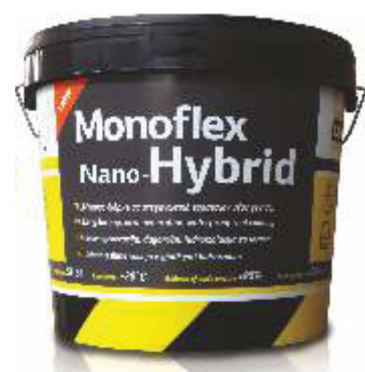
Monoflex Nano-Hybrid

Waterproofing roof coating of nano-modified new generation resins.

- Great durability in ponding water
- Reflects more than 85% of sun's heat and UV rays.
- Guaranteed waterproofing for more than 10 years.
- Without polyurethanes, solvents and other dangerous or toxic substances.
- With UV curable technology offering surface with very low dirt pick-up



comercialización





Monoflex Nano-Hybrid

Description

Elastomeric roof coating of nano-modified new generation resins. After application, it forms a very elastic, protective membrane without joints that is fully waterproof. Offering great durability in ponding water (compared to common acrylic coatings), excellent resistance under sun exposure and guaranteed waterproofing under difficult weather conditions and temperatures for many years. Without polyurethanes, solvents and other dangerous or toxic substances. Featuring excellent adhesion to any surface, including concrete, cement, wood, metal and any type of waterproofing membranes. The surface does not stick after application even at high temperatures having very low dirt pick-up.

Examples of applications

MONOFLEX NANO-HYBRID is used for waterproofing on surfaces of cement, concrete, wood, metal, tiles, bitumen membranes on horizontal and vertical surfaces such as:

Terraces
Balconies
Flooring
Drainage channels
Buildings made of bricks or concrete blocks
Roofing substrates etc.

Characteristics - advantages

- Covers wide range cracks, providing absolute protection from moisture (> 2mm)
- Cures with sunlight and has no stickiness even at very high temperatures.
- Reflects sunlight energy significantly reducing the temperature of the outer surface (> 85%) which results in a reduction in energy consumption during the summer months.
- Prevents deposits of dust and dirt pickup keeping its high whiteness.
- Excellent adhesion with substrates such as: ceramic tiles, mortars, zinc, aluminium, brick, wood, concrete, bitumen etc.
- Long lasting life (10 years).
- Extremely economical and easy to use.
- Capable patency

Substrate preparation

Ensure stable surfaces. Remove loose, detached parts, dirt, grease, dust, etc. Fill and repair any major gaps and cracks with suitable repairing products of BAUER. The material can be applied regardless the moisture percentage of the substrate.

Instructions for use

MONOFLEX NANO-HYBRID is ready to use. It requires only stirring in the container for a short period until the mixture is homogeneous. The material is applied by brush or roller in two hands at least crosswise. Dilute with 10% water for a layer as a primer. The second coat is applied onto the first crosswise when completely dry (when the previous layer is walkable). If needed, apply a third layer, in the same manner. Make sure that the material is filling all the gaps. In cases of large cracks, edges and where improved material properties required, place between the two layers reinforcing mesh (glass fibre or polyester). In cases requiring local filling cracks, inject in direct MONOFLEX NANO-HYBRID (thinned 5% with water) and then reinforce with mesh. The application is not suitable in days with intense sun (temperature greater than 35 oC) or rain and days where temperatures below zero are expected to fall. Immediately after use, clean the application tools with water

Consumption

1-2 kg /m2 Consumption of MONOFLEX NANO-HYBRID, depends on the porosity and the flatness state of the surface

Packaging

Containers 5 and 13 kg

Storage

In shaded, preferably sheltered areas protected from frost, high temperature and sun exposure for at least 12 months.

Notes

Technical details, properties, recommendations and information on BAUER products are supplied in good faith. They are based on the company's research and experience, provided that they are stored and applied under normal conditions. As the method of using materials as well as project and environment conditions are beyond the control of the company in each individual application setting, the product user is held solely responsible for the result of application. No responsibility under any legitimate relationship can be substantiated against the company, based on the information set out hereunder. Product users are advised to refer to the latest revision of the technical manuals available.

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