

ŚNIEŻKA NA DACH (FOR ROOF) - FOR ZINC, STEEL AND ALUMINIUM SURFACES

- 2 in 1 (primer and paint), fast drying
- active protection
- enhanced resistance to weather conditions and UV radiation
- excellent adhesion to the substrate
- high elasticity and coat durability
- comprises a set of products - Śnieżka DACH SYSTEM (ROOF SYSTEM)

PRODUCT DESCRIPTION

Śnieżka For Roof is a top-quality polyvinyl-acrylic paint for new and renovated exterior metal surfaces: zinc, steel and aluminium. It's a product which forms fast-drying, elastic and long-lasting coats featuring excellent adhesion to the substrate, good mechanical properties as well as high resistance to impact of corrosion, light, water and other weather factors.

The product comprises a set of professional products for metal surface protection - Śnieżka DACH SYSTEM (ROOF SYSTEM) By taking advantage of the system, one obtains a guarantee of product compatibility and high quality of final effect.

USE (PURPOSE)

Surfaces of roofs, gutters, fences, windowsills, as well as steel structures and elements. For exterior and interior use.

PRODUCT PROPERTIES

Viscosity (Ford viscosity Ø 4 mm), 20°C

ATTENTION: During storage the product might be subject to viscosity increase. This is not due to product fault. The manufacturer allows to dilute the product. [s] 98 - 123

Density, maximum [g/cm³] 1,18 - 1,35

Coat drying time at temp. 20±2°C and relative humidity over 55±5%

degree 1, maximum [h] 1

degree 3, maximum [h] 3

Time of full coat setting [h] 72

Coat thickness after drying of the first coat [µm] 35

Coat look (1) semi-matt (1)

(1) coat look after application according to the Manufacturer's recommendations. Read below From visual point of view, the coat is slightly glossy. We recommend to carry out a sample application on a smaller surface, e.g. 1,5m² to estimate and accept the final effect, yet min. 24 hours after application.

The paint coat is resistant to: moisture, slightly acidic and alkaline environment. Not resistant to organic solvents.

Avoid permanent contact with water. Painted coats must not be immersed in water. It's necessary to provide water drainage, e.g. during rain.

Paint coat is thermoplastic - avoid high temperatures exceeding 80 °C.

VOC content, max. 500 g/l.

APPLICATION**Substrate preparation**

- The substrate must be dry, dust, grease, dirt and rust free, as well as unmodified in terms of waterproof improvement - do not apply on impregnated and hydrophobic roof tiles.
- **New surfaces**(including zinc coated metal sheets):
- Use a water-based solution - Śnieżka NA DACH Preparat Do Czyszczenia Dachy- (Agent For Roof Cleaning) by following suggestions in the manual, rinse with water and dry.
- Zinc coated surfaces with white layer must be washed by taking advantage of pressure washers.
- **Renovation:**
- Prior to application old coats must be abraded with sandpaper and dusted off.
- In case of application on unknown surfaces, it's recommended to prime the whole surface with Śnieżka NA DACH Farba Gruntująca

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(Śnieżka For Roof Undercoat Paint). Prior to application, carry out a compatibility test. Old coats must be abraded with sandpaper, dusted off and painted with undercoat. After drying the undercoat paint must be uniform, without signs of shrinkage, etc.

- Rust must be removed from surface by taking advantage of a wire brush or sandpaper and painted with Śnieżka NA DACH Farba Gruntująca (Śnieżka For Roof Undercoat Paint).
- In case of previously painted surfaces, carry out a test of adhesion: remove paint in a few areas with a putty knife or sharp knife and stick a masking tape.
- If the paint peels off, it's necessary to remove the old coat from the whole surface and next clean it with Śnieżka NA DACH -Preparat Do Czyszczenia Dachy (Agent For Roof Cleaning).
- Seasoned and porous substrates (plaster, concrete) must be primed with diluted paint - Śnieżka NA DACH (Śnieżka For Roof)
- Use a solvent comprising the system of Śnieżka For Roof.

Product preparation

- Mix the paint carefully. During application and approx. every 1 hour mix the product again.
- In case of purchasing two or more containers of the product in the same colour, but from different production batches, put the the whole paint in one bigger container and mix (as a result of various production batches there might occur slight differences in colour shade and gloss)
- The paint is a ready-to-use product. Due to possibility of thickening during storage (resulting from solvent evaporation), if necessary, add max 5% of Śnieżka For Roof Solvent.
- Use a solvent comprising the system of Śnieżka For Roof, since inappropriate composition of other solvents may result in coat defect, regarding decorative effect and its durability.

Painting

- Painting works must be performed at ambient temperature between +10°C and +25°C, substrate temp. between +5°C and +40°C, and relative air humidity not exceeding 80%.
- Do not apply the paint during heatwaves, on wet surfaces and if it is about to rain.
- Painting during high temperatures results in very fast solvent evaporation, which is found in the paint. Consequently, it deteriorates application properties, coat uniformity and may result in decrease of coat resistance over a course of its use.
- Apply with a flat and even brush, roller or spraying method. While taking advantage of spraying method, avoid so called "dry spraying".
- Painting with a roller may result in a characteristic coat look, which has no influence on coat durability. To estimate final look, it's recommended to carry out a sample application on a small surface. The effect can be minimized by diluting the product and using a relevant roller.
- Apply the next coat after min. 6h (low temperature and high air humidity may extend the drying time).
- While applying the next coat avoid rubbing the paint and multiple strokes with a brush, which may contribute to softening of the previous coat, non-uniformity of the coat, etc.
- It's recommended to apply the first coat of approx. 35-micron thickness. It can be obtained while applying a thin coat. To obtain appropriate decorative effect, it's important to apply the second coat (final), which should be thick, avoid so called 'product-saving' application. As a result we can obtain a slightly glossy coat (too thin final coat may contribute to inappropriate decorative effect e.g. low fluidity, low gloss).
- During operating conditions, by taking advantage of a device to measure wet coat thickness, the results were as follows: in the event of first coat approx. 200 microns, the second coat approx. 340 microns, which accounted for total dry thickness of approx. 110 microns.
- We recommend to carry out a sample application on a smaller surface, e.g. 1,5m² to estimate and accept the final effect, yet min. 24 hours after application.
- Porous substrates (concrete and plaster) primed with Śnieżka For Roof diluted paint, must be painted at least twice with non-diluted paint every 3h.
- Time of full coat setting - min. 3 days.
- Clean the tools with Śnieżka For Roof Solvent after completion of painting works.

Additional information

- Unused paint can be stored in a sealed metal container.
- The painted surface is subject to gradual process of ageing during use. It may vary depending on use conditions. It may result in a partial colour and gloss change of the surface, which is typical for paint products. The higher exposure to sunlight, environment pollution, moisture and temperature, the faster the ageing process advances.
- There has been a change in paint formula, beginning with production batch no. 249470 As a result paints manufactured since the aforementioned production batch, feature lower gloss degree, which can affect colour shade, still being available in Śnieżka's offer. The purpose of the change is to enhance coat durability during use.

PAINTING PARAMETERS FOR PARTICULAR METHODS

PAINTING PARAMETERS

| PAINTING METHODS | paint viscosity | solvent additive | average gun nozzle | spraying pressure | recommended number of coats |
|-------------------------------|-------------------------|------------------|--------------------|-------------------|-----------------------------|
| | [s] | [%] | [mm] | [MPa] | |
| Roller, paintbrush | commercial presentation | to 5% | - | - | 2-3 |
| Pneumatic sprayin | commercial presentation | to 5% | 1,5÷2 | 0,3÷0,5 | 2 |
| Hydrodynamic spraying method* | commercial presentation | - | 0,28-0,38 | 12-20 | 2 |

* spraying performed by using devices of Graco company, model 395 ST PRO

BEST BEFORE DATE

BEST BEFORE DATE: 24 months

CONTAINERS

750ml, 5L, 10L

EFFICIENCY

to 12 m²/L with one painting only

COLOURS

14 colours, 8 RAL colours

VOC

Limit of VOC content for this product: (cat. A/i/SB): 500g/l (2010). The product contains max. 500 g/l.

STANDARDS, TESTS AND CERTIFICATES

PZH Certificate: HK/B/0528/08/2012

ZN-SN-078:2014

FIRE AND HSE RECOMMENDATIONS



UN1263

ATTENTION!

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The information included in the technical data sheet is to provide an efficient use of the product, however, it cannot form grounds for the manufacturer's liability, since the performance conditions are beyond its control. It's forbidden to make any adjustments to the product's formula, which can significantly decrease the properties of the used material. In the event of combining the product with other products, the manufacturer shall not bear any responsibility. All the information above is given in good faith, based on current knowledge and experience. The manufacturer reserves the right to amend the content of subsequent editions without the obligation to inform its customers.