

FEST-B® 2v1 NA STŘECHY S2141

Single coat for roofs

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Composition Dispersion of pigments, fillers, anticorrosive pigments and UV absorbents in a solution of alkyd resin in organic solvents with addition of driers and additives.

Characteristics and use The product is intended as anticorrosive single coat for long lasting coatings of metal sheet roofing eaves, metalworks elements, wire fences and metal construction exposed weather conditions and sunshine. It contains corrosion inhibitor and UV radiation absorber. Painting of galvanized sheet is possible after one year of weathering.

The product is not intended for coatings that come into direct contact with food, feed and drinking water and for coatings of children's furniture and toys. The product can be used on surfaces that come into indirect food contact.

- ◆ long-term weather resistance
- ◆ barrier protection with graphite
- ◆ excellent adhesion

Application area Substrate: steel, galvanized steel (oxidized)
Environment: exterior
Examples: metal roofing, eaves, steel structures, ...

Shades 0101 – light grey, 0111 – grey, 0155 (RAL 7016) – anthracite grey, 0280 - brown, 0540 – green, 0570 – dark green, 0840 – russet, 0845 – brick

Physical properties	Flow time	120 – 160 s (cup Ford Ø 4 mm)
	Weight solids	> 65 %
	Volume solids	> 45 %
	Flash point	> 25 °C
	Density	1340 - 1400 kg/m ³

Emission limits	VOC: 0.32 – 0.36 kg/kg	TOC: 0.28 – 0.31 kg/kg
	Product subcategory: A/i	Threshold value (2010): 500 g/l
	Max. VOC content in ready to use state: 499 g/l	

Properties of dried coat	Gloss	degree 4 - 5
	Pendulum hardness / Persoz	up 6 % in 24 hours
	Hiding power	degree 1
	Cross-cut adhesion	degree 0

Drying time	Surface temperature	23 °C
	Dust free	up to 2 hours
	Dry through	up to 24 hours
	Dry film thickness DFT	50 µm

Spreading capacity	Wet film thickness WFT	110 - 135 µm
	Dry film thickness DFT	50 - 60 µm
	Theoretical spreading capacity	7 - 8 m ² /kg per one layer

Thinning BALTECH S6006 (brush, roller), BALTECH S6001 (spraying)

Surface preparation The surface must be clean, dry, degreased, free of rust and dust, mechanically cleaned. First of all, the surface must be degreased by means of suitable agent (e.g. BALTECH P6402 technical benzine, BALTECH P6401 acetone or, if it is possible, warm pressurized water with detergent). For removing of residues of various salts it is necessary then to rinse the surface with clear water. Rough and sticky impurities must be removed manually or mechanically (grinding, scraping). Possible rust may be removed also manually or mechanically (metal brushes, grinding discs). Absorbent bases must be treated (penetrated) with suitable agent, providing even absorbency.

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Formerly coated surfaces must be cleaned, degreased and without old non-adhesive paints. It is recommended for providing compatibility of a new paint with the old one to perform a reference coating (painting) of surface - ca 1 m². It is recommended to follow the procedure system according to the technical data sheet.

Application conditions

Minimal air temperature for application is 5 °C, temperature of painted surface must be 3 °C above dew point. Temperature and relative humidity must be measured in proximity of painted surface. The surface temperature must not be higher than 40 °C. Optimal temperature for application is about 18 – 23 °C. Relative humidity must not be higher than 75 %. Lower temperature and higher humidity during an application and a drying and high thickness of applied coats markedly slow down drying and hardening of the coat. Imperfectly dried surface can cause problems with adhesion of paint to surface or with adhesion between individual coats. In addition it can negatively affect overall appearance of the paint film.

During rain, fog, creation of condensation water, effect of aggressive gases and during wind with strong content of dust the coating work must be suspended and can be restart after absolute drying of surface-treated material.

The method of application affects the final appearance of the coating. The structure of the contained graphite can cause color differences (shading) when spreading but do not affect the protective properties of the coating.

For larger compact areas always use the material from the same batch. Using the same batch can guarantee the same shade of the colour. We recommended to mix a content of individual cans to homogenize the colour shade.

Workflow

Properly mix before use, thin, if it is necessary.

Apply 2 or 3 coats of FEST-B 2v1 NA STŘECHY S2141. Recommended dry film thickness of one layer is 50 µm. If necessary, the other coatings apply either wet into wet (within approximately 3 hours), or after drying (24 h).

Application

Brush, roller, spraying

Handling

Read the instructions in the Safety Data Sheet before use and follow all safety instructions and regulations. The product contains organic solvents. Follow basic hygiene rules. Do not eat, drink or smoke while using this product. Avoid contact with eyes, skin or clothing. Wear protective gloves, eye protection, protective clothing. Ensure effective ventilation of the workplace. People and animals should not remain in the treated area until the paint dries.

If on skin: take off contaminated clothing and wash skin with plenty of soap and water. If inhaled: remove person to fresh air. If in eyes: rinse thoroughly for 10-15 minutes with clean water. Remove immediately contact lenses if present. If swallowed: rinse your mouth with water. If you feel unwell or in case of health problems or if in doubt, and accidental ingestion and contact with eyes, always consult a doctor immediately.

Packing

0.8 kg; 2.5 kg; 5 kg; 12 kg

Storability

The product keeps the product qualities 5 years from production date in original closed container. To store in dry storage at the temperature 5 to 25 °C. Flammable liquid II. hazard class.

Disposal of packing and waste

Hand over the used, properly empty packing at the collection point of the packing waste. Dispose the packing with the product rest at the place determined by the town for disposal of hazardous waste or hand over to the person authorized for hazardous waste disposal. Further see MSDS.

These data are only for information and their accuracy is influenced by the properties of individual materials and unpredictable factors during application. The user is responsible for correct use of the product according to the direction for use and for correct application of painting system, i.e. he must always evaluate all conditions of application, which could influence final quality of the top treatment. Therefore we always recommend to the user to carry out the test for actual working conditions and type of surface applied. Above mentioned data are data, which influence individual working conditions and therefore they do not establish a legal claim. It is necessary to consult information outside the terms of this catalogue sheet with the producer.

The producer stipulates the right for the change in the catalogue sheets without previous notification.