



EPOLEX® ENAMEL FOR BATHTUBS S2321 O

Two-component epoxy glossy enamel

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**Composition**

Dispersion of inorganic pigments and fillers in a solution of epoxy resin of medium molecular weight in organic solvents with addition of additives.

Characteristics and use

The product is intended for renovation of enamelled bathtubs and shower trays. Not suitable for acrylic surfaces. Before use the paint is mixed properly with the hardener in specified ratio.

The product is suitable for coatings that come into direct contact with food and feed. The product is not intended for coatings that come into direct contact with drinking water and for coatings of children's furniture and toys.

- ◆ high resistance
- ◆ high gloss
- ◆ long-term coating life

Application area

Environment: for interior use (liable to chalking and loss of gloss by weathering)

Shades

1000 white

Physical properties

Flow time	60 – 80 s (cup Ford Ø 4mm)
Weight solids	> 60 % (not hardened mixture)
Volume solids	49 % (hardened mixture)
Flash point	> 25 °C
Density of hardened mixture	1150 - 1180 kg/m ³

Emission limits

VOC: 0.40 – 0.45 kg/kg of hardened mixture	TOC: 0.34 – 0.39 kg/kg of hardened mixture
Product subcategory: A/j	Threshold value (2010): 500 g/l
Max. VOC content in ready to use state: 456 g/l	

Properties of hardened coat

Gloss	degree 1 - 2
Pendulum hardness / Persoz	up 30 % in 5 days
Cupping test	5 mm
Bend test	perfect (cylindrical mandrel ø 2 mm)

Drying time

Surface temperature	23 °C
Dust free	up to 3 hours
Dry through	up to 24 hours
Dry film thickness DFT	30 - 40 µm

Spreading capacity

Wet film thickness WFT	60 - 80 µm
Dry film thickness DFT	30 - 40 µm
Theoretical spreading capacity	11 - 15 m ² /kg of hardened mixture

Thinning

BALTECH S6300

Hardening

Hardener: EPOLEX S7300

Mixing ratio:

100 weight parts EPOLEX S2321 O : **33** weight parts EPOLEX S7300

70 volume parts EPOLEX S2321 O : **30** volume parts EPOLEX S7300

The pot life of the hardened mixture is 8 hours (20 °C).

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Surface preparation	Before the application, clean the bath carefully with effective cleanser to be free of grease, limescale and sediments. Subsequently it is necessary to lightly abrade a surface with fine sandpaper no. 280-320 while wet for better adhesion. Rinse by water and let dry. Damaged spots should be bonded by epoxy putty for metal. Re grind with sandpaper no. 320-360 while wet after hardening. Rinse the surface with a solution of detergent. Dismount the bolting (junk and spillway), abrade the uncovered places and clean them. Avoid dripping of water. The surface has to be matt, clean and dry. Apply hiding tape around a bath.
Application conditions	Minimal air temperature for application is 15 °C. Relative humidity must not be higher than 75%. The air circulation can cause dusting or another defects on a final coat. Imperfectly dry surface can cause problems with paint adhesion to the substrate or adhesion between the layers. Moreover, it may negatively affect the overall appearance of the coating film.
Workflow	Mix properly before use. Mix with hardener EPOLEX S7300 in prescribed weight ratio and properly mix together. Thin if it is necessary. Let the hardened mixture defoam for 15 minutes. Apply on the prepared surface. Apply in a cross thin coat. The second coat should be applied not sooner than after 24 hours (20 °C).
Application	Spraying gun, brush, roller
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	0.94 kg (including hardener)
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.