

TECHNICAL DATA SHEET

PENOSIL Premium BathCoating

PENOSIL Premium BathCoating is a water-based enamel paint for restoring bathtubs. When applied, the paint is odourless, hygienic and when dried, contact with food is permitted.

Applications

Epoxy enamel paint for restoring cast iron bathtubs. Not suitable for sheet metal or plastic bathtubs.

Application conditions

Application temperature between +15 °C and +30 °C.

After mixing the activator and the base compound the paint should be used in approx. 1 hour at +20 °C.

Hygienic, permitted to be in contact with foodstuffs.

The use of paints containing highly active colorants (hair and yarn dyes, bath foams and balls, etc.) can cause a permanent change in the enamel coating of the epoxy coated bathtub.

The bathtub will be ready for use in 7 days (drying temperature above +20 °C, air humidity up to 80%).

Using the bathtub sooner may cause a permanent change in the enamel coating. Before the first use, clean the bathtub surface with soap and water.

Application instructions

Before application: Remove dirt, grease and dust from the surface of the bathtub. Roughen the surface of the bathtub with the sandpaper supplied with the paint. Do not start the work immediately after the removal of sanding dust, for the dust hovering in the air will settle on the freshly applied primer. If a vacuum cleaner is used for cleaning, keep its motor part outside the door to avoid raising dust by the exiting air. The surface should be dry before starting to paint. It is recommended to cover the mixer, the drain and the edges of the bathtub with masking tape. For filling excessively rough areas, use the epoxy filler PENOSIL Premium FastFix Aqua, which should be ground flush with the surface of the bathtub after drying.

Priming: Mix the primer and the primer curing agent thoroughly. After mixing, the primer is usable at +20 °C for about 45 min. If applying with a roller, pour some primer on the bottom of the bathtub, so no special tray is necessary. Painting the bathtub may be started 12 to 24 hours after priming.

Painting: Before applying the enamel coating, perform the intermediate grinding of the surface of the primer and clean the primed surface of the bathtub of dust. Then mix the enamel and the enamel curing agent thoroughly. After mixing, the enamel is usable at +20 °C for about 45 min. If applying with a roller, pour some enamel on the bottom of the bathtub, so that no special tray is necessary.

Cleaning

Wash the tools with soap and water immediately after use. Later use a xylene-based solvent.

Technical data

Characteristics	Unit	Value
Solvent		water
Drying time (1 coat)	hours	12–24
Skin forming time	hours	4-5
Density:	basic ingredient	1,40
	activator	1,10
	mixed together	1,36
Abrasion resistance	(1 kg/CS 17 wheel)	Weight loss 70 mg per 1000 cycles
Impact resistance	J	3,75
Scratch hardness		2,3 kg leaving no marks

Scrub resistance	cycles	>10,000
Tensile strength	kg/cm ³	60
Antibacterial resistance		very good
Mould resistance		very good
Temperature resistance	°C	+120

The parameters indicated have been measured at +23 °C and 50% relative air humidity, if not specified otherwise.

Colour

Basic tone is white. Tone with toners intended for water-based paints.

Package

Carton box.

Delivered complete with:

Primer and primer curing agent	1 set
Enamel and enamel curing agent	1 set
Mixing sticks	2 pcs
Plastic gloves	1 pair
Polyurethane foam roller	2 pcs
Handle of the paint roller	1 pc
Sandpaper	1 pc
Instructions for application	1 pc

Storage

Can be stored for 24 months in closed original packaging if protected from frost (temperature not below +3 °C).

Safety requirements

Contains epoxy constituents. See information supplied by the manufacturer. Harmful by inhalation and in contact with skin. Irritating to eyes, respiratory system and skin. Risk of serious damage to eyes. Keep out of the reach of children. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water. Wear suitable gloves and eye/face protection.

Detailed safety information is available on safety data sheet (SDS).