

TESSAROL CERAMIX

AREA OF APPLICATION

The coating is intended for the decoration of ceramic tiles and glass in kitchens, bathrooms, toilets and for other interior surfaces. It is suitable for short-term contact with water on vertical surfaces (drainage) but must not be in constant contact with water. The product is not appropriate for painting horizontal and floor surfaces, self-cleaning ceramic tiles, tiles in saunas, etc. Painted areas are suitable for use already after two days of drying.

PROPERTIES

- Excellent adhesion on ceramics, glass, and many problematic surfaces in interior (hard PVC, galvanized steel, aluminium...)
- Resistant to common household cleaners
- Good mechanical properties
- Satin final appearance
- Environmentally friendly
- Odourless
- Quick drying

TECHNICAL DATA

COMPOSITION	Special resin, water, additives, pigment
COLOUR SHADES	White and many of colour shades according to the HGMIX colour suggestions
GLOSS	Satin
DENSITY	1,22 g/ml
THINNING	Ready to use
EU VOC category and limits	IIA(i), 140g/l (2010); the product contains max. 70 g/l
PACKAGING UNITS	0,75 l
SHELF LIFE	The shelf life of an originally sealed and suitably stored product (temperature from +5 °C to +35 °C, in a dry place) is indicated on the packaging. MUST NOT FREEZE!

INSTRUCTIONS FOR USE

APPLICATION METHOD	thinning	nozzle	pressure
brush (synthetic)	Ready to use		
roller (microfiber or felt)	Ready to use		
spraying			
air spraying	Up to 5 %	1,2–1,5 mm	2–3 bars
WORKING CONDITIONS	The paint, air and surface temperature should be at least +8 °C, and air humidity under 80 %.		
DRYING (T = +20 °C, rel. humidity 65 %)	Touch dry in approximately 2 hours, next coat after 6–8 hours. At lower temperatures and higher relative humidity, the drying time is extended.		
COVERAGE	Theoretically: approx. 10–12 m ² with 1 l in 1 coat. The practical coverage depends on the treatment, type of surface, application method.		
CLEANING TOOLS	Immediately after use with water, the dried paint with TESSAROL NITRO THINNER		

SURFACE PREPARATION

Ceramics

Before coating, clean the surface with a limescale removing agent and sand it. To remove grease, oil, and dirt, use **TESSAROL NITRO THINNER**. Remove the old silicone with a sharp knife. Any remaining dried silicone should be cleaned from the surface with a silicone remover, because the paint does not adhere to the silicone. Rinse the surface with plenty of water to remove any remaining cleaner. Let it dry. Before coating, the surface must be completely dry, undamaged, and clean (free of oils, fats, dust, and other impurities). Tile joints must also be dry and free of dust before painting. If they are not, the paint can pull dust particles from the joints and if they are not removed from the surface during painting, they can affect the final appearance.

Surface preparation is the key to good coating adhesion and long durability!

Glass

Clean the surface with common glass cleaners and carefully rinse with water and wait for it to dry.

Galvanized steel metal, hard PVC

Clean the surface with a mixture of water (10 l), ammonia solution (0,5 l) and detergent (one cap) and sand it with sanding cloth made of synthetic fibres. Clean the sanding remains thoroughly with water and dry. The use of a wire brush and metal wool is not allowed!

Hot dip galvanized steel metal surface

OBLIGATORY additional light sweep blasting.

Aluminium surface*

Clean the surface with **TESSAROL NITRO THINNER** and sand with a sanding cloth made of synthetic fibres. The use of a wire brush and metal wool is not allowed!

Renovation of old coating

Undamaged coatings should be sanded and cleaned; damaged coatings should be removed completely.

COATING SYSTEMS

SURFACE	SURFACE PREPARATION	TOP COAT
CERAMICS	Removing of limescale and impurities	2x TESSAROL CERAMIX
GLASS	Removing of impurities	
GALVANIZED STEEL	Removing of corrosion products and impurities	
ALUMINIUM*	Removing of corrosion products and impurities	
HARD PVC	Removing of impurities	
OLD COATINGS	Cleaning, sanding, and removing of damaged coatings	1–2x TESSAROL CERAMIX

NOTES AND SPECIAL FEATURES

- **After application, the protective strips must be removed immediately while the paint is still wet! Due to the high binder content and mechanical resistance of the paint, the dry film of the coating can be accidentally pulled from the substrate when removing the tape.**
- The paint surface is resistant to short-term contact with water on vertical surfaces, shampoos, common household cleaners and various stains (oil, ketchup, juice, etc.). Colour stains from coffee or tea must be removed immediately.
- The coating is not suitable for floor surfaces and must not be in constant contact with water.
- The product does not offer anti-corrosion protection on iron without a primer. Can be used on other non-ferrous metals.
- A soft sponge is used for wiping and cleaning. **The use of abrasive cleaning agents and rough sponges is prohibited because they damage the coating!**
- It should be considered that the paint reaches its final hardness and usability after one month.
- At a working temperature lower than 8 °C, the coating film does not form.
- * Before painting the aluminium substrate, a preliminary test of the adhesion of the coating to the cleaned surface is required.
- Light interlayer sanding with fine sanding sponges is recommended during application to improve interlayer adhesion and to provide a better final appearance.
- **NOTE! After contact with water, the painted surface may become softer, but when the colour film dries, the hardness returns to its previous state.**