641 Genfloor Ceramic Surface Primer

Genfloor Seramik Yüzey Astarı

PRODUCT DESCRIPTION

Solvent-free, two-component epoxy transition primer for non-absorbent ceramic surfaces before epoxy coating.

AREAS OF USE

Ceramic surfaces in hospitals, laboratories, food and pharmaceutical plants, industrial kitchens, factories and malls.

TECHNICAL PROPERTIES

Components	Two-component (2K)
Colour	Transparent
Density (20 °C)	1.06 ± 0.05 kg/L
Volume solids	~100%
Mixing ratio	7 : 3 by weight (A : B)
Pot life	30–40 minutes (20 °C)
Theoretical coverage	50–100 g/m² (max. 100 µm)
Application method	Roller, brush, rubber squeegee
Thinning	Do not thin
Number of coats	1 coat (2nd coat if required)
Equipment cleaning	016 Gen Epoxy Thinner

DRYING TIMES

Dust free	3–4 hours
Overcoat	min. 12 hours · max. 24 hours
Full cure	7 days

Values apply at 23 °C ambient temperature and 50% relative humidity; low temperatures and high humidity extend the times.

SURFACE PREPARATION

Concrete must be at least 28 days old, with compressive strength ≥ 25 N/mm², pull-off strength ≥ 1.5 N/mm² and moisture content < 4%. Remove laitance, oil and loose material by diamond grinding or shot blasting, then vacuum the surface free of dust.

APPLICATION CONDITIONS

Ambient and surface temperature +10 °C to +30 °C; relative humidity max. 80%. Surface temperature must be at least 3 °C above the dew point. Low temperatures retard drying and curing.

NOTE

Where the system requires, broadcast 0.3–0.8 mm quartz sand into the fresh primer.

PACKAGING

20 kg kit (14 kg A + 6 kg B)

STORAGE AND SHELF LIFE

Store in tightly closed original packaging at +5 °C to +35 °C in a well-ventilated, cool and dry place, away from heat and sources of ignition. In unopened original packaging, from the date of manufacture: 12 months.

HEALTH AND SAFETY

Before use, read the product Safety Data Sheet (SDS) and the hazard and precautionary statements on the label. Ensure adequate ventilation during application; wear suitable protective gloves, goggles and, where necessary, a mask. Keep out of reach of children. Do not empty product residues or containers into drains; dispose of them in accordance with local regulations.

The information in this technical data sheet is based on laboratory tests and practical experience. As application conditions, substrates and equipment are beyond our control, the user must verify the suitability of the product for the intended application. GENAŞ Gen Boya San. ve Tic. A.Ş. is responsible only for the quality of the product and cannot be held liable for uses other than those recommended. This sheet remains valid until superseded; we reserve the right to change product specifications in line with technological developments.