659 Genfloor Topcoat SF

PRODUCT DESCRIPTION

Modified solvent-free epoxy resin-based, two-component floor coating and surface paint.

AREAS OF USE

Factories, warehouses, car parks, supermarkets and hygienic areas with pedestrian and light vehicle traffic.

TECHNICAL PROPERTIES

Components	Two-component (2K)
Colour	Floor colours from the RAL chart, on request
Gloss	Gloss
Density (20 °C)	1.45 ± 0.10 kg/L
Volume solids	~100%
Mixing ratio	4 : 1 by weight (A : B)
Pot life	30–40 minutes (20 °C)
Theoretical coverage	3 m²/kg (single coat)
Application method	Roller, notched trowel, rubber squeegee; de-aerate with spiked roller
Thinning	Do not thin
Number of coats	According to system
Equipment cleaning	016 Gen Epoxy Thinner

DRYING TIMES

Dust free	6–8 hours
Touch dry	10–12 hours
Foot traffic	24 hours
Full cure	7 days (23 °C)

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.

RECOMMENDED SYSTEM

Primer: 640 Genfloor Primer · Topcoat: this product

PACKAGING

20 kg kit (16 kg A + 4 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.