L'UNICFLOOR · TEXTURED EPOXY

Unepox TX 2K

Solvent-free quartz-filled epoxy textured floor coating

COLOUR

RAL colours

custom colours on request

1.52 g/cm³	99.5 %	0.8–1 mm	40 N/mm²	70 N/mm²
Mass density (20 °C)	Solids (by volume)	Nominal thickness	Tensile strength	Compressive strength

Product description

UNEPOX TX 2K is a 100 % solids epoxy resin filled with fine-graded quartz, cured with cycloaliphatic polyamine. Spread with a V-notched squeegee and textured with a coral roller, it gives a dense, non-porous, seamless and low-maintenance floor for light to medium traffic.

Primary uses

- Aircraft hangars, airports, garages and machine shops
- Food and beverage processing, dairies, bottling, cafeterias
- Pharmaceutical plants, laboratories and clean rooms
- Warehouses, corridors, decks and ramps
- Showers, laundries, locker rooms and waste-water facilities

Advantages

- Dense, non-porous, chemical- and dirt-resistant
- Seamless, low maintenance
- High wear, durability and impact resistance
- Textured, non-skid surface
- Suitable for new and renovated areas
- Can be sealed with a topcoat

Position in the system

Topcoat (optional)
Urethane finish for intense sunlight

Textured epoxy layer — THIS PRODUCT
UNEPOX TX 2K · 0.8–1 mm, coral-roller texture

Primer
UNEPOX PRIMER 2K / UNEPOX 128-05 2K

Substrate
Concrete – min. slab temperature +10 °C

L'unicfloor TX

Textured epoxy for light to medium traffic

unica | Boytem
BOYTEM BOYA VE KİMYA SANAYİ TİCARET LİMİTED ŞİRKETİ
Factory: Gümüşova OSB 1. Sk. No:4 İç Kapı No:1 Gümüşova / Düzce – TÜRKİYE
T +90 216 304 03 05 · F +90 216 304 12 15
unicaboya.com · info@unicaboya.com

Technical data (at +20 °C)

Mass density (20 °C)	**approx. 1.52 g/cm³**
Solids (by volume)	**approx. 99.5 %**
Touch dry	**4–6 h**
Curing time	**24–36 h**
Overcoating interval	**min. 24 h – max. 48 h**
Full cure	**7 days**
Electrical conductivity	**~10¹² Ω**

Tensile strength	**40 N/mm²**
Compressive strength	**70 N/mm²**
Theoretical spreading rate	**0.700 kg/m² per 1 mm DFT**
Coverage	**15–18 m² per 20 kg (0.8–1 mm)**
Mixing ratio (by weight)	**84 A : 16 B**
Shelf life	**12 months**

Application procedure

01

Surface preparation

Check concrete placement, curing, age and contamination. Substrate above +10 °C, free of hydrostatic pressure, moisture transmission, paint and curing agents.

02

Mixing

Stir each component; mix 84 parts A with 16 parts B for 3 min at 200–300 rpm. Mix only what can be used in 30–40 min.

03

Application

Pour in a strip and spread 15–18 m² per 20 kg (0.8–1 mm) with a trowel / V-notched squeegee, in one direction.

04

Texturing

After 10–15 min back-roll with a coral roller for the required texture. Allow to cure overnight, min. 12–16 h.

Mixing ratio (by weight)

84 parts | **16 parts**

- **84 parts**
  Component A – quartz-filled epoxy
- **16 parts**
  Component B – cycloaliphatic polyamine

Supplied as 16.8 kg A + 3.2 kg B.

Application conditions
min. +10 °C
Substrate above +10 °C; optimum room temperature +20 °C.

Coverage
15–18 m² / 20 kg
For 0.8–1 mm nominal thickness.

Curing
12–16 h
Allow to cure overnight before light use.

Important: urethane finish coats are recommended for areas exposed to intense sunlight. Always use a suitable primer to prevent outgassing and air bubbles.

unica | Boytem
BOYTEM BOYA VE KİMYA SANAYİ TİCARET LİMİTED ŞİRKETİ
Factory: Gümüşova OSB 1. Sk. No:4 İç Kapı No:1 Gümüşova / Düzce – TÜRKİYE
T +90 216 304 03 05 · F +90 216 304 12 15
unicaboya.com · info@unicaboya.com

Packaging

- 16.8 kg component A + 3.2 kg component B in metal cans

Storage

- Store in sealed containers indoors in dry premises at +10…+35 °C.
- Shelf life: 12 months from production.

Safety

- Component A contains epoxy resin; component B alkaline amines – strong sensitiser.
- Use with good ventilation, particularly if heated or sprayed.
- Wear protective clothing, goggles, gloves and/or barrier creams.
- Keep containers closed; wash thoroughly after handling.

Cleaning

- Clean all tools and equipment with xylene before the material gels.

LEGAL NOTE

The statements made on this technical data sheet are believed to be true and accurate and are intended to provide a guide for approved construction practices. UNICA does not make, nor does it authorise any agent or representative to make, any warranty, express or implied, concerning this material, as workmanship, weather, construction, equipment utilised and other variables affecting results are all beyond our control. UNICA warrants only that the material conforms to product specifications, and any liability to the buyer or user of this product is limited to the replacement value of the product only. In no event shall UNICA be liable for any injury, loss or damage, either direct or incidental, special or consequential, however arising, in connection with material or work performed. UNICA shall not, in any manner, be liable for any defects, variations or change in condition in the substructure over which its products are installed.

unica | Boytem

BOYTEM BOYA VE KİMYA SANAYİ TİCARET LİMİTED ŞİRKETİ
Factory: Gümüşova OSB 1. Sk. No:4 İç Kapı No:1 Gümüşova / Düzce – TÜRKİYE
T +90 216 304 03 05 · F +90 216 304 12 15
unicaboya.com · info@unicaboya.com