

DEMCO[®] EPOX 2400 TERRAZZO UV ++

Description

DEMCO EPOX 2400 TERRAZZO UV ++ is a solvent free, epoxy based, colored binder which is used with aggregates such as different sizes of natural stone, glass, mirror and sea shells to obtain high physical resistance and excellent decorative surface. It is used in subway stations, hotels, educational institutions, museums, airports, shopping malls, restaurants, sport complexes, etc.

Working Conditions

The temperature in the operation area should be in the range of 15 °C - 30 °C.

Mixing

Component A is mixed in its own can. Then component B is poured into the can of component A during stirring, and they are mixed together for 3 minutes using a mixer till a homogenous mixture is obtained. Aggregates such as natural sizes of natural stone, glass, mirror, sea shells are added. To obtain a homogenous mixture, they are mixed together for 4 – 5 min.

Advantages

- Solvent free.
- Has excellent decorative appearance.
- Can be applied easily on concrete, ceramic and metal surfaces.
- Has a high chemical and physical resistance.
- Can be used with all types of aggregates.
- Provides hygienic environment by preventing the formation of germs and bacteria.
- Can be cleaned and maintained easily.
- Impermeable to liquid.
- Has long coating life.

Surface Preparation and Application Method

Epoxy Based, Coloured Terrazzo Binder DEMCO EPOX 2400 TERRAZZO UV ++ is used by mixing aggregates such as natural stone, mirror, glass, sea shells etc.

Consumption

It depends on the sizes of aggregates.

Thinner

Do not add any thinner.

Package

A and B have two separate packaging according to the desired amounts of mixture.

Storage and Shelf Life

It should be kept in its original, unopened package and in closed and dry places, which are at 15 – 25°C. It must not stay under direct sunlight. Under these conditions, the shelf life is 12 months.

Technical Properties

Number of Components	2
Mixing Ratio (by weight)	A/B (72/28)
Mixing Density (g/cm ³ , 20°C) (TS EN ISO 2811-1)	1,35 ± 0,10
Pot Life (min., 23°C, 100 ml) (DIN 16945)	50 - 80
Mixing Viscosity (mPas, 25°C) (EN ISO 3219)	600 - 900
Curing Time (23°C) (TS 4317)	
Dry to Touch (Hours)	8 - 10
Fully Cured (Week)	1

Safety Measures

Product's skin contact must be avoided. In case of contact, skin must be washed with water. Eyes should be flushed with water and medical attention must be sought immediately. Wear suitable protective clothing, gloves and goggles. Keep away from children.

Attention

Applied surface temperature must be between 15°C- 30°C and temperature must not be under 10°C.

When applying in indoor and outdoor areas, ground, ambient temperature and ambient humidity must be paid attention.

Ground relative humidity must be under % 4 and ambient humidity must be under % 80.

There must not be touching or water contact on the application area till 24 hours pass after the application.

Just enough quantities of the product must be mixed for the application. Application must not stop till the whole mixture is consumed.

DEMCO EPOX 2400 TERRAZZO UV ++' s complete curing time 20°C – 25°C is approximately 7 days.

LEGAL WARNING: The above specifications are based on laboratory test results. It is recommended to consult Technical Service for special applications and the newly designed studies. Our company is not responsible for unsuitable conditions and studies which are not under our control.

Approvals / Standards

CE It has been tested according to EN 1504-2 under the scope of the certificate.

