

VOGAFLOOR TZ

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VOGEL SYSTEMS Technical data sheet
Date / Revised: 19.09.2018
Product: **VOGAFLOOR TZ**

Version: 1.0

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1. Identification

Product identifier

VOGAFLOOR TZ

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Product for construction chemicals
Recommended use: for industrial and professional users



Details of the supplier of the safety data sheet

E-mail address: info@vogel-systems.de

Emergency telephone number

International emergency number

Decorative Terrazzo Epoxy Flooring

DESCRIPTION

VOGAFLOOR TZ is an epoxy resin composition which incorporates a special blend of marble chips, glass and ceramic aggregates , jointless and extraordinarily durable. Typically installed to thickness of (6-9mm).

APPLICATION FIELDS

1. Hospitals .
2. Restaurants
3. Cafes .
4. Car showrooms .
5. Government buildings .
6. Public buildings .
7. Shopping centers .

ADVANTAGES

VOGAFLOOR TZ is characterized with the following advantages:

1. Seamless, durable & decorative .
2. Excellent compressive & flexural strength .
3. Impressive design capabilities (i.e. incorporate company logo, motifs, etc.) .
4. Highly versatile, no shrinkage, repairable, low maintenance & easy to clean.

APPLICATION INSTRUCTIONS

Thoroughly clean surface with a grease-cutting detergent to remove grease and oils, and remove any loose or unsound concrete by chipping, scarifying, shot blasting, sanding, or grinding. Proceed as for new poured concrete.s

Mixing

- Mix epoxy matrix flooring components when required.
- Prepare materials according to flooring system manufacturer's instructions.

TECHNICAL DATA

Product properties	
Density	2 kg/L
Pot Life	1 Hour at 20°C
Abrasion Resistance	0.07 gm. Loss
Flexural Strength	25N/mm ²
Water Absorption	Nil
Vapour Permeability	2gm/m ² /8 mm /24 h
Surface Hardness	300 seconds
Compressive Strength	65 N/mm ²
Fire Resistance	Spread of Flame Class 2 to BS 476 :part 7
Chemical Resistance	Very Good
Tensile Strength	31 N/mm ²
Initial & final cure at 20°C	24 hours& 7 days

APPLICATION

VOGAFLOOR TZ must apply in 3 main processes in placing and finishing :

1- Mixing & Laying

Pour the Reactor Component in the Base one and mix using a slow speed drill with paddle, mix until a smooth, streak free consistency is achieved. Add the filler component to this mix, and continue mixing until homogeneous consistency is achieved. **VOGAFLOOR TZ** is then carefully laid wet on wet over vogafloor 120 primer according to desired patterns and in line with guide rails fixed

2- Grinding

Various stages of grinding the surface are carried out gradually reducing the coarseness of the grinding stones. Grinding normally takes place between 2 and 7 days of laying the **VOGAFLOOR TZ** .

3- Grouting

At various stages during grinding **VOGAFLOOR TZ GROUT** is applied to fill out voids .

CONSUMPTION

Estimated consumption for **VOGAFLOOR TZ** is 21 kg/m² .

PACKAGING

VOGAFLOOR TZ is supplied in pails (epoxy binder A & B) & sacks (filler) 30kgm.

CLEANING

Tools and equipment should be cleaned, immediately after use, with solvent. Once product cures, this can only be removed by mechanical means.

PRECAUTIONS

- Substrate should be fully cured prior to the application of **VOGAFLOOR TZ**
- An effective moisture vapor barrier is required for substrates on or below grade.
- The substrate must be structurally sound, cleaned of any foreign matter that will inhibit adhesion and dry.
- This product should be installed at a substrate temperature between 10°C (50°F) and 30°C (85°F).
- The Engineer and owner should address joint details prior to the job start with the flooring contractor.

STORAGE

Twelve months in its unopened original packaging. Store in a cool, dry and covered place, protected from moisture , frost and direct sunlight, with temperatures between 5 °C and 30 °C.

SAFETY AND HEALTH

VOGAFLOOR TZ is a low toxicity product but direct contact with skin and eyes must be avoided .

Use rubber gloves and safety goggles when handling, mixing and applying the product.