

VOGAFLOOR 172

PAGE 1 / 3

VOGEL SYSTEMS Technical data sheet
Date / Revised: 19.09.2018
Product: **VOGAFLOOR 172**

Version: 1.0

Date of print 20.09.2018

1. Identification

Product identifier

VOGAFLOOR 172

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

Chemical And Abrasion Resistant Solvent – Free Epoxy Floor Coating

DESCRIPTION

VOGAFLOOR172 is a two component, solventfree epoxy floor high build coating system, which ideal for all heavily trafficked areas. Durable, and chemical resistant, it will protect and brighten concrete and make cleaning much easier.

APPLICATION FIELDS

It can be used for:

- 1.Food-processing industry.
- 2.Chemical/pharmaceutical industry.
- 3.Power stations .
- 4.Water industry.
- 5.Exhibition halls and showrooms .
- 6.Demonstration areas and training rooms.
- 7.Pharmaceutical and other medical laboratory. situations

ADVANTAGES

1. Easy and fast to apply.
- 2.Good general chemical resistance.
- 3.Excellent wear and abrasion resistance .
- 4.Slip resistance finish available .
- 5.Textured high gloss finish.
- 6.Limited maintenance .
- 7.Waterproof .
- 8.Easy to clean .
- 9.Durability and hard wearing.

APPLICATION INSTRUCTIONS

- Surface must be sound, clean and dry, free from dust, laitance, and other contaminants.
- Surface to be prepared by shot blasting or any approved mechanical means to achieve a surface profile pf (CSP2-3).
- Sweep or vacuum any dust or loose particles.
- For applying over old or new epoxy coatings, the surfaces must be sanded (80grit) and sheen removed and wiped properly to remove any dust.

TECHNICAL DATA

Product characteristics	
Compressive Strength 7 days(ASTM C579)	35 - 40 N/mm ²
Flexural Strength (ASTM C580)	15 - 20 N/mm ²
Tensile Strength (ASTM C 307)	10 -15 N/mm ²
Bond Strength (BS 1881)	4.0 - 4.5 N/mm ²
Specific gravity	1.57±0.06
Pot life at 25 °C, (hours)	40 minutes
Waiting time between coats at 20 °C, (hours)	24 hours

CURING

Can be walked on after 24 hours
Light mechanical loading permitted after 3 days „
Fully cured after 5 days

CONSUMPTION

Estimated consumption **VOGAFLOOR 172**
0.25-0.3 kg/m²/coat.

These are for guidance only and may vary depending on porosity, texture,
substrate conditions and application method.

CLEANING

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

PACKAGING

VOGAFLOOR 172 is supplied in pre-weighed set(A+B) of 5 kg.

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 172 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.