

VogaFloor 152-AS

PAGE 1/4

VOGEL SYSTEMS Technical data sheet

Date / Revised: 22.09.2022

Version: 1.0

Product: **VogaFloor 152-AS**

Date of print 22.09.2022

1. Identification

Product identifier

VogaFloor 152-AS

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

Seamless, SF-Epoxy,Epoxy Based, Anti-Static

DESCRIPTION

VogaFloor 152-AS consists of blended epoxy resins, curing agents, graded inert aggregates. They are epoxy polyurethane applied floor toppings for use .it has been designed for use in areas where a static Conductive or a static Dissipative floor is required as a measure to control static electricity. Moreover, they provide a dense, impervious, coloured and chemical resistant floor surface which is hygienic and easy to clean.

APPLICATION FIELDS

VogaFloor 152-AS typical areas of use include electronics manufacture and assembly, clean rooms, computer rooms, hazardous dust and chemical environments and hospital operating theatres.

ADVANTAGES

- 1.Negligible shrinkage.
- 2.Excellent resistance to both chemical and mechanical attack.
- 3.Eliminates static discharge from personnel and vehicles.
- 4.Static control.
- 5.Aesthetical appearance.
- 6.Chemical resistant.

USES

VogaFloor 152-AS is suitable for use in areas where a durable, cleaned, chemically resistance floor surface is required with the attendant risk of static building. Typical areas of use are:

1. Laboratories & Hospitals.
2. Rooms containing electronic equipment.
3. Chemical plants & explosive factories.

APPLICATION INSTRUCTIONS

• Surface Preparation

- All surfaces must be dry, clean and sound.
- All Contamination's, grease, oil and loose particles must be removed.
- Concrete surface must be free from laitance. Any approved mechanical method as sand blasting; scarifying can be used Surface profile as (ICRI) standards.

• Priming

- Apply a priming coat with a solvent free, low viscosity epoxy resin binder **VogaFloor 120** by means of brush or roller avoiding puddles on the surface.
- Freshly applied **VogaFloor 120** should be protected from damp, condensation and water for at least over night.
- It is desirable that the freshly laid primer should be dusted with 0.5-0.8mm silica grains at the rate of 300 gm/m² to provide a good key for the topping.

• Earthing

- Earthing connections (where needed) should be placed at appropriate .

• Mixing & Application

- Prior to mixing, stir part A mechanically. when all of part B has been added to part A, mix continuously for three minutes with a low speed mixer until a uniform and homogeneous mix has been achieved.
- The topping compound(**Kemfloor AS**) should be applied after the conductive layer has cured.
- Apply the top coat with a roller within the over coating time.
- Excessive thickness must be avoided since it causes reduced conductivity.
- Leave to full cure for 7 days.

CLEANING

Tools and equipment should be cleaned, immediately after use, with thinner.

Once product cures, this can only be removed by mechanical means.

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TECHNICAL DATA

Product characteristics	
Density	1.5±0.1 Kgm/L
Surface finish	Glossy or Matt
Pot life	1 hour
Cure life	7 Days
Compressive Strength	30-40 N/mm ²
Flexural strength	20-25 N/mm ²
Modulus of elasticity	4000N/mm ²
Leakage resistance	10 ⁶ -10 ⁹ ohms
Chemical Resistance	Excellent resistance
Recoating Time	1-3 Days

CONSUMPTION

Estimated consumption :

- **VogaFloor 152-AS conductive layer** is 0.3 -0.4 kg/m² D.F .T (200 -250 microns)
- **VogaFloor 152-AS topcoat** 0.75 kg/m² (D.F .T. 500 microns).

PACKAGING**VogaFloor 152-AS** is supplied in pre-weighed pails of 5 and 10 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 152-AS is a non-toxic product but direct contact with skin and eyes must be avoided , Use rubber gloves and safety goggles when handling, mixing and applying the product .

- If ingested seek medical advice.