

VogaFloor 152-AS

PAGE 1/4

VOGEL SYSTEMS Technical data sheet

Date / Revised: 22.09.2022

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Product: **VogaFloor 151-AS**

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1. Identification

Product identifier

VogaFloor 151-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

Epoxy resin with a high electrostatic conductivity

DESCRIPTION

VogaFloor 151-AS is a two part, water dispersed made of special conductive materials and additives to form a high electrostatic conductivity . With epoxy resin conductive topcoat to provide the interface between the resin and the substrate, it has a conductive function and effectively discharges static electricity.

APPLICATION FIELDS

VogaFloor 151-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.Solvent – Free.
- 2.Easy to apply.
- 3.High conductive (10^3 - 10^5 ohms).
- 4.No odor.
- 5.Good adhesive.

USES

VogaFloor 151-AS is suitable for use As a conductive coat 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.
- Uniformly spread **VogaFloor 151-AS** using a short pile nylon roller.

CLEANING

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

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

TECHNICAL DATA

Product characteristics	
Density	1.5±0.2 gm/cm³
Color	Black
Form	Liquid
Pot life	60-90 minutes
Drying time	24 hour
Curing time	4-5 days
Solid content	~ 34% (by volume)
Adhesion strength	2.5 MPa
Surface Resistance	10³-10⁵ ohms
Static charge decay	Static charge decay

CONSUMPTION

Estimated consumption :

- **VogaFloor 151-AS conductive layer** is 0.3 -0.4 kg/m² D.F.T

PACKAGING

VogaFloor 151-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 151-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.