

VOGAPUR-SC

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VOGEL SYSTEMS Technical data sheet
Date / Revised: 19.09.2018
Product: **VOGAPUR-SC**

Version: 1.0

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1. Identification

Product identifier

VOGAPUR-SC

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

Company:
VOGEL SYSTEMS
Operating Division Construction Chemicals

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

Emergency telephone number

International emergency number

High Strength, Fast Cure, UV- Resistant & Polyaspartic Floor Screed

DESCRIPTION

VOGAPUR-SC It is a 3-component polyaspartic, Solvent -free, fast cure, high compressive and flexural strengths. It is a very low linear shrinkage, rapid-cure & chemical and temperature resistant , suitable for floors subject to heavy loading, abrasion and chemical exposure.

- It can be applied in thickness of 4-10mm and textured aggregate surface providing heavy profile slip resistance, It is better alternative to PMMA system .

APPLICATION FIELDS

- It can be used for:
- 1. Cold storage area.
- 2. Industrial warehouses.
- 3. Food processing areas.
- 4. Pulp and paper mills.
- 5. Chemical plants.
- 6. Aircraft hangars and garages.
- 7. Patios, walk ways and driveways.
- 8. Show rooms ,Automobiles dealerships.
- 9. Restaurants floors ,Entry and lobby areas.
- 10. Fish ,meat ,poultry processing .
- 11. Bakeries ,breweries ,dairies .
- 12. Kitchens ,cold storage areas.

ADVANTAGES

- 1. Excellent chemical resistance USDA, CFIA acceptable..
- 2. Three times more durable than epoxy coatings.
- 3. Cures at low temperature for food contact.
- 4. UV stable & No odor and zero - VOC.
- 5. High tensile strength & Excellent adhesion.

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.
- Do not coat over acrylic or polyurethane coatings unless it is deglossed.

TECHNICAL DATA

Product characteristics	
Denisty	60N/mm2
Heat Resistance	30N/mm2
Pot life at 25°c	15 N/mm2
Recoating time at 25°c	>2 N/mm2
Curing time at 25°c Foot traffic Light traffic Heavy Traffic	1 hours 24 hours 3 days
Compressive strength	50 - 60 N / m m 2
Flexural strength	18 - 20 N / m m 2
Elongation	50%
Shore D Hardness	60-70
Abrasion Resistance	2 5 - 30 mg. Loss
Pull off strength	2.7 - 2.9 Mpa
Tensile Strength	20 - 2 5 N / m m 2

SAFETYAND HEALTH

VOGAPUR-SC 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.

HOW TO USE

MIXING:

- Stir the contents of part A with an electrical stirrer to disperse any settlement. Add part B to part A and mix for 2-3 minutes with a low speed drill. Add the mix (A+B) completely to the filler (C).
- Mechanical mixing recommended until a homogeneous and uniform moist is obtained.

APPLICATION :

- Apply bonding layer before the bonding layer cures. Apply the mortar screed.
- The temperature during application should be between 10 °C - 35 °C. Relative humidity should be less than 85%.
- Spread using a steel trowel over the previous primed surface to give self smoothing finish.
- If slip resistant is required, aggregate should be sprinkled within the wet surface.
- Leave to dry and brush off any excess filler.
- Apply the final coat (**VOGAFLOOR PA**) by roller to a uniform finish.

CONSUMPTION

Estimated consumption **VOGAPUR-SC**

1.4-1.6 kg/m²/1 mm.

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

VOGAPUR-SC is supplied in pre-weighed set (A+B+C) of 15 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.