

## VOGAPROOF PU

PAGE 1 / 3

VOGEL SYSTEMS Technical data sheet  
Date / Revised: 19.09.2018  
Product: **VOGAPROOF PU**

Version: 1.0

Date of print 20.09.2018

### 1. Identification

#### Product identifier

VOGAPROOF PU

#### 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](mailto:info@vogel-systems.de)

#### Emergency telephone number

International emergency number

## Liquid Polyurethane Elastomeric Coating

### DESCRIPTION

**VOGAPROOF PU** is a water base liquid applied one component polyurethane coating . It creates a moisture barrier, UV resistant, weathering resistant and flexible coating.

### APPLICATION FIELDS

**VOGAPROOF PU** is primarily for use as a hi-build water proofing coating over :  
Concrete roofs , Metal roofs , Wood roofs , Tiles & old roofing membranes ,  
Balconies & Patios , Plaza decks , Roof top .

### ADVANTAGES

- |                                      |  |
|--------------------------------------|--|
| 1. easily applied .                  | 6. UV-Stable.                          |
| 2. Good penetration.                 | 7. Waterproof & water vapor permeable. |
| 3. Wear and abrasion resistant .     | 8. Excellent weather and UV –          |
| 4. Good general chemical resistance. | resistance.                            |
| 5. Fast Cure .                       | 9. Chemically resistance               |

### APPLICATION INSTRUCTIONS

**VOGAPROOF PU** must be applied to a clean, dry substrate free from laitance, dust, dirt, oil, grease and other contaminants (max. moisture content 5 %).

- Old loose roofing must be removed by grinding machines.
- Any surface irregularities must be smoothened.

### APPLICATION

1. Apply the coating **VOGAPROOF PU** with roller or airless spray until the surface is covered and leave it to cure (6-48 hours ) between coatings.
2. Apply another one or two coats.

**TECHNICAL DATA**

Product properties	
Specific Density (gm/cm <sup>3</sup> )	1.2 ± 0.05
% Vol.Solids	60%
Recoating time	6 h
Full curing time	7 days
Tensile strength	4 N/mm <sup>2</sup>
Elongation	1000-3000%

**CONSUMPTION**

- Unreinforced System:
  - 0.5- 0.6 kg/m<sup>2</sup> /coat
  - 2 coats are recommended
- Reinforced System:
  - 1-1.25 kg/m<sup>2</sup> / coat
  - 2 coats are recommended

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

**PACKAGING**

**VOGAPROOF PU** is supplied in pre-weighed set of 1, 5 kg pails.

**CLEANING**

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

**SAFETYAND HEALTH**

**VOGAPROOF PU** 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.

**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.