

VOGA CUSION PU

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VOGEL SYSTEMS Technical data sheet

Date / Revised: 19.09.2018

Product: **VOGA CUSION PU**

Version: 1.0

Date of print 20.09.2018

1. Identification

Product identifier

VOGA CUSION 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

Emergency telephone number

International emergency number

Technical Characteristic Report About (VOGA CUSHION PU)

GENERAL CHARACTERISTICS

VOGA CUSHION PU is a Polyurethane base layer features coarse rubber particles for higher cushion build and a secondary layer features fine rubber particles for smooth texture as a part of the sport system .

Rubber granule is derived from car and truck tires. During processing, the tires are mechanically granulated, removing all metal and synthetic fibers, as well as any other foreign part contained in there with specially designed sieves, so as to produce a 99.99% clear rubber with high quality.

TECHNICAL DATA

Product properties (Granulometry 1-3mm)	
Density	1.12 kg/m ³
Specific gravity	1.2 ± 0.05
Hardness	60
Humidity (%)	<0.65
Elasticity	100% - No change
Resistance	113N/cm - Excellent
Thickness	3 - 13 mm
Flash point	None
Solids content	53±4% by volume
Elongation	80 %
Tensile Strength	0.6 - 0.9 N/mm
Drying time	2-4 hours
Full dry	24 hours

PROPERTIES

- 100% recyclable
- Long life
- Resistance to adverse weather conditions
- High shock absorbency and vibration damping
- High abrasion resistance

CONSUMPTION

Estimated consumption for **VOGA CUSION PU**

Coarse layer : 1.5 Kg/m²/coat (2 – 3 coats)

Fine layer : 2 kg/m²/coat (2 coats)

PACKAGING

Packaging is available in big-bags -1 ton in following sizes:

Grain size 0,5-1,5 mm

Grain size 0,5-2,5 mm

Grain size 0.5-4.0 mm

Grain size 2-8 mm

Grain size 8-20 mm

Grain size 80-50 mm

Grain size 80-120 mm

STORAGE

Twenty four 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

VOGA CUSION PU 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.