

## Product Information ALBODUR® 901 VP

#### What is the resin's nature?

Solvent-free, soft, very hydrophobic, OH-functional polyol based on renewable resources (castor oil).

#### **Technical data:**

Solids content: 100%

Viscosity: 800 - 1,100 mPas

OH-content: 5.62% Shore A / D\*: 89 / 41 Elongation at break\*: 105%

### Why has the resin been developed?

As an elastic resin with very good workability for sports flooring, roof coatings and other exterior application (e.g. as adhesive below ceramic tiles).

## What is the suggested field of application?

- · Sports flooring
- · Balcony / terrace (as adhesive below ceramic tiles)
- · Pigment pastes

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<sup>\*</sup>crosslinked with MDI-based polyisocyanate



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#### Suitable raw materials

#### **Defoamers:**

Byk A 530 (BYK Chemie) Perenol E 8 (BASF)

Byk A 501 (BYK Chemie) Tego Foamex 944 (Evonik Tego Chemie)

Worlee Add 636 (Worlee Chemie)

#### Substrate wetting agents:

Perenol F 40 (BASF)

#### Extender:

Silica Flour W 6 (Quarzwerke) Baryt Flour EWO (Sachtleben)

## **Dispersants:**

Disperbyk 161 (BYK Chemie) Texaphor P 63 (BASF)

Disperbyk 180 (BYK Chemie)

## Anti-settling agents:

Albothix 85-32 (Alberdingk Boley) Byk 410 (BYK Chemie)

Sylysia 350 (Silysiamont)

## Water scavenger:

Albolith MS C 350 (Alberdingk Boley)

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The details contained herein are based on our present state of technology and shall inform on our products and their application possibilities. A lawful binding assurance of certain attributes or a suitability for a concrete operation purpose cannot be derived from this information. Industrial property rights are to be considered if required.



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### **Formulation Proposal**

FP 901-1 sports flooring

Pos.	Raw Materials	Amount	Supplier
1	ALBODUR® 901 VP	41.85	Alberdingk Boley
2	Perenol E 8	0.50	BASF
3	Texaphor P 63	1.00	BASF
4	ALBERDINGK® Albolith MS C 350	6.65	Alberdingk Boley
5	Silica flour W 6	45.00	Quarzwerke
6	Heubach G 7610	3.00	Heubach
7	Sylysia 350	2.00	Silysiamont
	Total	100.00	

## Crosslinking:

We recommend a crosslinking ratio of NCO:OH of 110% or 100.00 parts of the a.m. formulation require 21.87 parts of SUPRASEC® 2496 (Huntsman).

## **Mechanical Properties**

## Crosslinked with SUPRASEC® 2496:

	After 24h at RT	After 72h at 50°C
Shore A hardness	86	94
Shore D hardness	38	50
Elongation at break	74%	41%

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