

# Product Information

## Alberdingk<sup>®</sup> U 3251

### What is the resin's nature?

Highly flexible, solvent-free, aliphatic polyester polyurethane dispersion.

### Technical data:

Solids content:	39 - 41%
pH-value:	7.0 - 8.0
Viscosity:	20 - 200 mPas
MFFT:	approx. 0 °C
elongation at break:	approx. 650%

### Why has the resin been developed?

- high elasticity
- blocking resistance
- plasticizer properties for hard acrylics

### What is the suggested field of application?

- Textile / leather coatings
- For exterior applications
- For parquet varnishes (as co-binder < 20%)

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### Suitable raw materials

#### Defoamers:

Byk 024 (BYK Chemie)

Tego Foamex 822 (Evonik Tego Chemie)

#### Substrate wetting agents:

Byk 346 (BYK Chemie)

Dow Corning 67 (Dow Corning)

#### Coalescing agents:

Dowanol DPM (Dow Chemical)

Butylcellosolve, BG (BASF)

Dowanol DPnB (Dow Chemical)

#### Matting agents:

Acematt TS 100 (Evonik)

#### Rheology control additives:

DSX 1514 (BASF)

DSX 2000 (BASF)

Tego Viscoplus 3000 (Evonik Tego Chemie)

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### Formulation Proposal

FP 3251-1 plastic coatings

Pos.	Raw Materials	Amount	Supplier
1	<b>ALBERDINGK<sup>®</sup> U 3251</b>	<b>80.00</b>	<b>Alberdingk Boley</b>
2	Dow Corning 67	0.50	Dow Corning
3	Byk 024	1.00	BYK Chemie
4	Butylcellosolve (BG)	5.00	BASF
5	Water (deion.)	12.20	
6	Acematt TS 100	1.00	Evonik
7	DSX 1514	0.30	BASF
<b>Total</b>		<b>100.00</b>	

premix pos. 4 + 5 before use

Please take note of local regulations, that might limit or ban the use of raw materials such as 2-(2-Butoxyethoxy)ethanol [=BDG; = Butylcarbitol] or 2-Butoxyethanol [= BG; = Butylcellosolve].

Example: Decision No. 1348/2008/EG

Latest update  
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