

Product Information

Alberdingk[®] U 4101 VP

What is the resin's nature?

Aqueous, anionic dispersion of an aliphatic polyether-polyurethane without free isocyanate groups.

Technical data:

Solids content:	39 - 41 %
pH-value:	7.0 - 8.5
Viscosity:	50 - 750 mPas
MFFT:	approx. 0°C
Elongation at break:	approx. 1400 %

Why has the resin been developed?

As soft polyether-polyurethane dispersion with permanently tacky film, very good adhesion to different substrates and high hydrolysis resistance.

What is the suggested field of application?

- Highly flexible, permanently tacky adhesives
- Primers with good adhesion to leather, textile and plastics
- Foil lamination with low activation temperature
- Combination dispersion for adhesive acrylic dispersions

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Suitable raw materials

Defoamers:

Byk 024 (BYK Chemie) Drewplus T-4202 (Drew Ashland)
Tego Foamex 800 (Evonik Tego Chemie)

Substrate wetting agents:

Byk 346 (BYK Chemie) Dow Corning 67 (Dow Corning)
Tego Wet 280 (Evonik Tego Chemie)

Matting agents:

Acematt TS 100 (Evonik)

Rheology control additives:

DSX 1514 (BASF) Rheolate 278 (Elementis)