



## DSV.4135

### *Penetrating wood stains*

DSV.4135 is a self-crosslinking acrylic that was developed especially for stain locking wood primers. In addition to a high barrier effect, it also shows good wet adhesion and is sandable without problems.

#### Unique properties

- Extraordinary locking resistance against wood stains
- High water resistance
- Good wet adhesion
- Wood warming
- Suitable for interior and exterior applications

#### Environment-friendly

- Contains neither VOC nor APEO
- Not EUH 208 labelled

#### Typical applications

- Stain locking wood primers
- Furniture and parquet coatings

#### Technical properties

Resin base	Acrylate / VAc / VeoVa
Solids content	49–51 %
Density	approx. 1 g/ml at 20 °C
Stabilizer system	anionic
Viscosity	800–1200 mPa·s at 20 °C
pH-value	4.5–5.5
Particle size	150 nm
MFFT	20 °C
Frost resistance	no
Water absorption	8 %

**Starting formulation 4135-IG01-03**

White stain locking primer based on DSV.4135

**Important advice**

To lower the MFFT and optimise application properties, it could be helpful to add a film-forming agent.

**Suitable Cosolvent**

Butylglycol

Butyldiglycol

Texanol

Raw materials	Parts by weight
Water	120.0
Acticid MV	1.0
Disperbyk-181	2.5
Tego Foamex 815 N	2.5
Kronos 2190	140.0
Dorkafill Pro_Void	47.0
DSV.4135	670.0
Dowanol PnP	8.0
Dowanol DPM	5.0
Tafigel PUR 41	2.0
Tego Foamex 815 N	2.0
	1000.0

**Support**

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**VANORA – where the chemistry for innovative dispersions is alive.**

With over 60 years of experience in the formulation and development of resins for the paint and coating industries, the team brings spiffy, high performance products and «by design» solutions to the market. The dynamic and smart VANORA team understands the market needs and is extremely strong in implementing creative solutions. The VANORA goal: Develop an innovation every year that sets a new trend in the resin market.