



## DSV.4176

*All in one for wood*

1+1=1 is not an incorrect calculation, it describes the properties of our new self-crosslinking resin DSV.4176. The double-sided VeoVa/Acrylate dispersion offers on the one hand all good properties of a primer (locking of wood stain and nicotine) and on the other hand the good performance of a wood coating (high gloss, good blocking and water resistance).

### Unique properties

- Resin can be used as a primer as well as a top coat
- Suitable for industrial and trade applications
- High water resistance
- Good blocking resistance
- Very good wet adhesion
- Suitable for interior and exterior applications

### Environment-friendly

- Contains neither APEO nor plasticiser
- Not EUH 208 labelled

### Typical applications

- Wood stain locking primers
- Top coat, clear coat and glaze for wood
- Wood coatings for doors, windows and panels
- Wood façades

### Technical properties

Resin base	Silicate-Acrylate / VeoVa
Solids content	44–46 %
Density	approx. 1 g/ml at 20 °C
Stabilizer system	anionic
Viscosity	160–240 mPa·s at 20 °C
pH-value	7.0–8.0
Particle size	120 nm
MFFT	<5 °C
Frost resistance	no
Gloss level	70.5 units at 60 ° angle 93.8 units at 85 ° angle

**Starting formulation 4176-IH01-01**

Insulating- and wood paint based on DSV.4176

<b>Raw materials</b>	<b>Parts by weight</b>
Water	215.0
Disperbyk-190	4.0
Acticide MV	1.0
FoamStar SI 2210	3.0
Kronos 2190	212.0
Aquaflow NLS-200	4.0
DSV.4176	560.0
FoamStar SI 2210	1.0
	1000.0

**Support**

Telephone +41 41 469 92 13

**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.