



## DXV.4229

*Making biocid free paints and plasters for inside and outside*

DXV.4229 is a water based, with silicate-modified resin, based on a VeoVa acrylate. DXV.4229 is a resin for the production of biocid free, odourless and solvent free paints and plasters for inside and outside. Furthermore, DXV.4229 has a very good water vapour diffusion.

### Unique properties

- Biocid free paints and plasters
- Suitable for interior and exterior applications
- Good water vapour diffusion

### Environment-friendly

- Contains neither VOC nor APEO
- Not EUH 208 labelled

### Typical applications

- Paints and plasters inside and outside

### Technical properties

Resin base	Acrylate / VeoVa / Silicate
Solids content	approx. 40 %
Density	approx. 1 g/ml
Stabilizer system	anionic
Viscosity	approx. 200 mPa·s at 20° C
pH-value	approx. 11.3
Particle size	100 nm
MFFT	<5 °C
Frost resistance	no

## White interior paint based on DXV.4229

Starting formulation 4229-IF01-01

	<b>Raw materials</b>	<b>Quantity</b>	<b>Function</b>	<b>Supplier</b>
1	Water	277.5		
2	Disperbyk-190	4.0	Wetting and dispersing agent	BYK-Chemie GmbH
3	Walocel XM 20000 PV	1.5	Thickener	Dow Chemical Company
4	Genamin Gluco 50	1.0		Clariant International Ltd
5	Kronos 2190	150.0	Pigment	Kronos International Inc.
6	Agitan 700	2.0	Defoamer	Münzing Chemie GmbH
7	Talk GS 10	30.0	Filler	Alberto Luisoni AG
8	Omyacarb 2-AV	130.0	Filler	Omya
9	Omyacarb 5-AV	220.0	Filler	Omya
10	Tafigel PUR 41	4.0	Filler	Münzing Chemie GmbH
<b>11</b>	<b>DXV.4229</b>	<b>180.0</b>	<b>Resin</b>	<b>VANORA AG</b>
		1000.0		

### Mixture instruction

- Pos. 1      Submit water  
Pos. 2-4    Add during agitation, stir for 10 minutes  
Pos. 5-6    Add during agitation, dispersing for 15 minutes (Temp. max. 50 °C)  
Pos. 7-10   Add each raw material separately during agitation  
Pos. 11     Add during agitation, stir for 5 minutes at low speed

### Technical data

Viscosity Brookfield at approx. 20°C (Spindle 6, 100UpM)

3350 mPa.s

pH

10.7