



## DXA.4228

*The adhesive primer for difficult substrates*

DXA.4228, thanks to silane technology, provides unique adhesion to nearly all non-porous substrates and demonstrates good compatibility with cement.

### Unique properties

- Silane technology
- Outstanding adhesion to difficult substrates
- Pigment or granular material can be incorporated
- Good cement compatibility
- Formulations with conventional additives and fillers are possible
- Suitable for interior and exterior applications

### Environment-friendly

- Neutral odour
- Can be formulated without solvent
- Contains neither VOC nor APEO
- Not EUH 208 labelled

### Typical applications

- Adhesive primers for non-porous substrates (glazed tiles, various plastics, metal, concrete substrates and walls, old alkyd resin paints, etc.)

### Technical properties

Resin base	Acrylate
Solids content	49–51 %
Density	approx. 1 g/ml at 20 °C
Stabilizer system	anionic
Viscosity	300–1000 mPa·s at 20 °C
pH-value	6.5–7.5
Particle size	140 nm
MFFT	0 °C
Frost resistance	no
Glass transition temp. (T <sub>g</sub> )	9 °C

### Primer formulation based on DXA.4228

The pure resin DXA.4228 is basically used as a primer. If required, can the dispersion be processed with most commercial thickener and defoamer. All kind of pigments or fillers can be used without problems.

*White adhesive primer based on DXA.4228*  
*Starting formulation 4228-HG01-01*

	<b>Raw materials</b>	<b>Quantity</b>	<b>Function</b>	<b>Supplier</b>
1	Water	150.0		
2	Acticide ICB 6	1.0	Pot bacteriacide	Thor GmbH
3	Disperbyk-181	4.0	Wetting and dispersing agent	BYK-Chemie GmbH
4	Agitan 700	4.0	Defoamer	Münzing Chemie GmbH
5	Aerosil R 972	4.0	Anti-setting agent	Evonik Industries AG
6	Kronos 2190	100.0	Pigment	Kronos International Inc.
7	Dorkafill Pro_Void	60.0	Filler	Gebrüder Dorfner GmbH & Co.
8	Tafigel PUR 41	2.0	Thickener	Münzing Chemie GmbH
9	DXA.4228	675.0	Resin	VANORA AG
		1000.0		

**Mixture instruction**

- Pos. 1-5 Add during agitation and stir for 15 minutes  
 Pos. 6 Add during agitation and dispersing for 15 minutes  
 Pos. 7 Add during agitation and stir for 10 minutes  
 Pos. 8-9 Add each raw material separately and stir for 5 minutes

**Technical data**

Viscosity Brookfield at approx. 20°C (Spindle 6, 100UpM)	1540 mPa.s
Soldis	50 %
pH	6.5