



DXA.4228

The adhesive primer for difficult substrates

DXA.4228 offers thanks to the silane technology a unique adhesion to nearly all non-porous substrates and has a good cement compatibility.

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 _g)	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

	Raw materials	Quantity	Function	Supplier
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