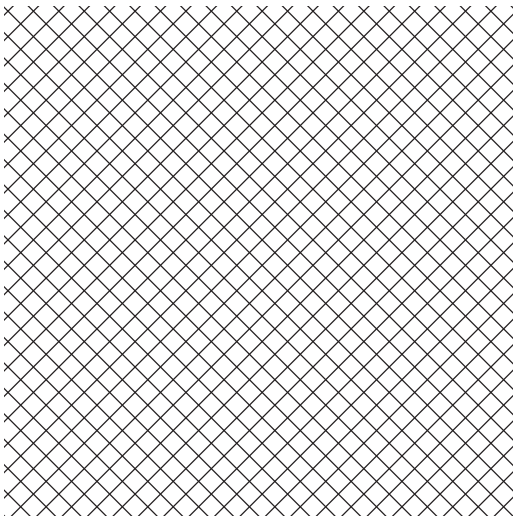

TE.204

No chance for nicotine, soot and water stains

TE.204 is a unique water-based anionic resin designed for matte and stain-blocking paints used in the renovation field. It prevents nicotine and water stains from penetrating and effectively locks out various types of contamination. This product is suitable for both interior and exterior applications. Due to its anionic nature, it can be formulated with conventional fillers and additives.

Unique properties

- Extraordinary blocking properties against nicotine, water stains, soot, color stains and wood bleeds
- High water resistance
- Very low dirt pick-up
- High weather resistance
- Suitable for interior and exterior applications
- Can be formulated with conventional additives and fillers

Environment-friendly

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

Typical applications

- Matt and stain blocking paints with blocking properties

Technical properties

Resin base	Acrylate / VAc / VeoVa
Solids content	49–52 %
Density	approx. 1 g/ml at 20 °C
Stabilizer system	anionic
Viscosity	1500–3500 mPa·s at 20 °C
pH-value	4.5–6.0
Particle size	150 nm
MFFT	0 °C
Frost resistance	no
Water absorption	8 %
Tensile strength at break	3 N/mm²
Elongation at break	600 %
Glass transition temp. (Tg)	10 °C

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White stain blocking paint based on TE.204

Starting formulation 204-IF01-02

	Raw materials	Quantity	Function	Supplier
1	Water	166.0		
2	Acticide ICB 6	1.0	Pot bacteriacide	Thor GmbH
3	Disperbyk-181	8.0	Wetting and dispersing agent	BYK-Chemie GmbH
4	Kronos 2190	180.0	Pigment	Kronos International Inc.
5	Agitan 731	2.5	Defoamer	Münzing Chemie GmbH
6	Omyacarb 2-AV	50.0	Filler	Omya
7	Dorkafill Pro_Void	171.0	Filler	Gebrüder Dorfner GmbH & Co.
8	Agitan 731	2.5	Defoamer	Münzing Chemie GmbH
9	**TE.204**	**200.0**	**Resin**	**VANORA AG**
10	Lubranil N 20	7.0	Open time Additive	Süddeutsche Emulsions GmbH
11	Tafigel PUR 41	3.0	Thickener	Münzing Chemie GmbH
12	**TE.204**	**209.0**	**Resin**	**VANORA AG**
		1000.0		

Mixture instruction

Pos. 1 Submit water

Pos. 2-4 Add during agitation, dispersing for minimum 10 minutes

Pos. 5-8 Add during agitation, dispersing for minimum 20 minutes

Pos. 9-12 Add during agitation, stir for 5 minutes at low speed

Technical data

Viscosity Brookfield at approx. 20 °C (Spindle 6, 100UpM)	5480 mPa.s
pH	7.3