



DXV.4051

Perfect hydrophobicity and water repellency

Excellent weather protection of the façade: With the Acrylate/VeoVa DXV.4051, VANORA sets the standards for hydrophobicity, water resistance, water repellency and the «beading-up effect». Paints and plasters can be formulated at the highest level without any silicones. DXV.4051 can also be used for indoor applications requiring good scrub resistance and cleanability, for example - hospitals, school buildings and kitchens. DXV.4051 shows a very low dirt pick-up in all applications.

Unique properties

- Less dirt accumulation therefore algae and mold decay is minimised
- Distinctive beading-up effect
- Very low water absorption of <4 %
- Good resistance to yellowing
- Suitable for interior and exterior applications

Environment-friendly

- Neutral odour
- Contains neither VOC nor APEO

Typical applications

- Façade paints and plasters
- Roof coatings
- Wherever an excellent water resistance is needed
- Interior paints which are easy to clean

Technical properties

Resin base	Acrylate / VeoVa
Solids content	49–51 %
Density	approx. 1 g/ml at 20 °C
Stabilizer system	anionic
Viscosity	1000–3000 mPa·s at 20 °C
pH-value	7.0–8.0
Particle size	100 nm
MFFT	10 °C
Frost resistance	no
Water absorption	<4 %
Tensile strength at break	5 N/mm ²
Elongation at break	500 %
Glass transition temp. (Tg)	10 °C

Starting formulation 4051-F01-05

Exterior paint with «beading-up effect» based on DXV.4051

Raw materials	Parts by weight
Water	281.0
Acticide MV	1.0
Disperbyk-181	4.0
Walocel XM 20000 PV	0.5
Ammonia 25 %	0.5
Kronos 2190	180.0
Agitan 700	2.0
Dowanol DPnB	7.0
Finntalc M05SL	50.0
Omyacarb 2-AV	50.0
Omyacarb 5-AV	100.0
Tafigel PUR 41	4.0
DXV.4051	320.0
	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.

VANORA belongs to nolax AG, headquartered in Switzerland.