

ORGAL® RW B2620 BIOBASED ACRYLIC POLYMER FOR ARCHITECTURAL PAINTS

Orgal® RW B2620 is an APEO and formaldehyde free acrylic polymer developed for the formulation of very high quality primers and solvent free matt paints for wood, walls, ceilings and metal surfaces.

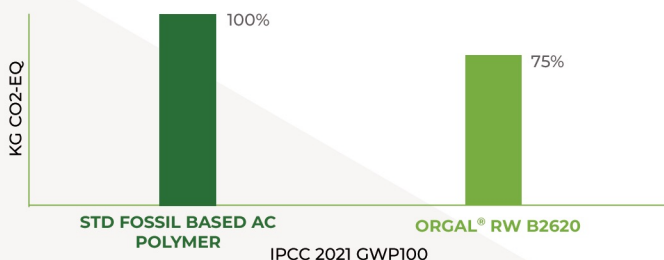


Orgal® RW B2620 has 43% bio-renewable content*.

- Formaldehyde-free
- APEO free
- Film formation without the need for coalescent, plasticizer or other solvent
- Low VOC and low odour

*Bio-renewable content (C14) is theoretically calculated based on w/w% of total monomers.

25% Carbon Footprint Reduction



Technical Properties

Appearance	Opalescence white emulsion
Solid Content (% ± 1)	50
Viscosity (Brookfield LVT 3/60)	max 1200 cps
pH	8.0 – 8.5
MFFT (°C)	<3
Storage Stability	Protect from freezing

Performance Properties

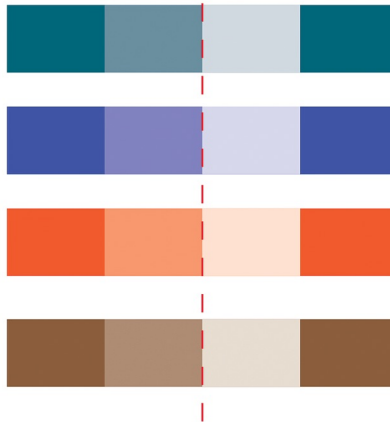
Orgal® RW B2620 is suitable for interior flat topcoats, tannin/stain blocking primers, wood primers, primer undercoats. It is possible to formulate low VOC products according to EU Directive 2004/42/CE, since the polymer has good low temperature coalescence performance.

- Excellent adhesion on mineral, wood and metal surfaces
- Very good scrub resistance
- Excellent colorant acceptance
- Outstanding stain and tannin blocking property
- Compatible with a variety of fillers and pigments



STAIN AND TANNIN BLOCKING PROPERTIES (on OAK)

Soft Competitor | Orgal® RW B2620



50% PVC Primer Formulation

Component	Amount (%)	Key Function	Supplier
Water	112.4	Vehicle	
AMP 90	1.0	Neutralizing Agent	Advancion
Dispersant K 850	12.1	Dispersing agent	Organik Kimya
Tegofoamex 1488	3.5	Defoamer	Evonik GmbH
Tafigel PUR 45	20.0	PU thickener	Munzing Chemie
Kronos 2310	160.0	TiO ₂	Kronos
Omyacarb 2-GZ	200.0	Extender	Omya
Talc	55.0	Extender	Local
Water	128.0	Vehicle	
Orgal® RW B2620	300.0	Binder	Organik Kimya
Tegofoamex 1488	2.0	Defoamer	Evonik GmbH
Tafigel PUR 44:PG:Water (1:1:1)	6.0	PU thickener	Munzing Chemie
TOTAL	1000		

Initial Properties

	Orgal® RW B2620
Gloss (20°/60°/85°)	1.3 / 2.6 / 7.5
Color Acceptance	No rub-out
Wet Scrub Resistance-ISO 11998 (Micron loss)	3.0 (Class-1)

PVC	49.3%
VOC (g/l) wet	0
VOC (g/l) dry	0
Density (wet, calcul.)	1.46 g/ml
Total Solids	58.3%
Vol. Solids	41.5%

For more information, samples, or technical support, contact us today!

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