



ORGANİK KİMYA

ORGAL® RW

Sustainable Performance with Recycled Monomers

ORGAL® RW products support the circular economy by utilizing recycled monomers in line with ISO 14025 and international low-carbon standards. They offer high performance without compromising environmental responsibility.

Wood Coatings

DIY & Industrial Wood Applications



Orgal® RW R4630

A self-crosslinking, core-shell acrylic emulsion for high-performance industrial wood coatings. APEO-free and formaldehyde-free. Offers excellent dry film clarity, strong wood wetting, and is suitable for clear/opaque primers, topcoats, and concrete/garage floor sealers.

Orgal® RW R9100

A self-crosslinking acrylic polymer developed for joinery coatings. Delivers high block resistance and excellent water resistance. Ideal for both clear and pigmented wood coatings. APEO-free.

Orgal® RW R839W

An acrylic polymer designed for DIY exterior and interior wood applications. Offers exceptional hydrophobicity, excellent water resistance, and reduced water permeability. Free from APEO and formaldehyde.

Technical Properties

Solid (%)	40
MFFT / Tg	20 / core shell
Sustainable content (%)	44
Carbon Footprint Saved per kg (%)	25

*Compared to std OK product

Application & Key Features

Interior trim & furniture, chemical resistance, hardness, block resistance, in-can clear

Solid (%)	44
MFFT / Tg	<5 / core shell
Sustainable content (%)	45
Carbon Footprint Saved per kg (%)	16

*Compared to std OK product

Application & Key Features

Exterior joinery & trim. Excellent hot block resistance, outdoor durability, chem resist.

Solid (%)	46
MFFT / Tg	17 / core shell
Sustainable content (%)	51
Carbon Footprint Saved per kg (%)	36

*Compared to std OK product

Application & Key Features

Exterior wood & deco. High hydrophobicity, wet adhesion, cold-check resistance, UV resist.



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Architectural Coatings

Interior & Exterior Decorative Applications

Orgal® RW R036 V

Low-emission acrylic polymer for solvent-free interior and exterior matt to semi-gloss paints. Allows coalescent-free formulation with low odor. APEO-, ammonia-, and formaldehyde-free.

Orgal® RW R650

Designed for high-quality stain-blocking primers for wood, walls, ceilings, and metal. Enables low VOC formulations per EU Directive 2004/42/CE. APEO- and zinc oxide-free with strong low-temp coalescence.



Technical Properties

Solid (%)	50
MFFT / Tg	<3 / 0
Sustainable content (%)	39
Carbon Footprint Saved per kg (%)	34

*Compared to std OK product

Application & Key Features

Interior & exterior coalescent free architectural paints. Broad PVC, zero VOC capable.

Solid (%)	50
MFFT / Tg	<3 / -1
Sustainable content (%)	35
Carbon Footprint Saved per kg (%)	30

*Compared to std OK product

Application & Key Features

Interior & exterior, stain & tannin blocking primers & 1 coat hiding topcoats.



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Architectural Coatings

Interior & Exterior Decorative Applications

Orgal® RW R850 RR

Acrylic polymer with excellent wet and dry adhesion, early block resistance, and water resistance. Suitable for demanding exterior coatings with strong thickener response. APEO- and formaldehyde-free.

Orgal® RW R888

For high-gloss interior and exterior paints with outstanding gloss, block resistance, scratch resistance, and durability. APEO- and formaldehyde-free, with strong adhesion and weathering properties.

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

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Technical Properties

Solid (%)	50
MFFT / Tg	18 / 22
Sustainable content (%)	49
Carbon Footprint Saved per kg (%)	40

Application & Key Features

Exterior & interior architectural paints. Wet adhesion, UV resistance.

Solid (%)	45
MFFT / Tg	24 / 30
Sustainable content (%)	48
Carbon Footprint Saved per kg (%)	63

Application & Key Features

Exterior & interior architectural paints and speciality coatings. High Gloss, outdoor durability.