



Polymer Emulsions & Specialty Chemicals

# Coating Solutions



# Architectural Coatings

## Interior Paints

Product Name	Chemical Composition	Total Solid (% ±1)	pH	Viscosity (mPa.s max)	MFFT (°C)	Tg (°C)	Features & Benefits
Orgal® P 6830	VA / AC	55	4.5 - 5.5	750	12	20	High scrub, multi surface adhesion, water resistance
Orgal® Duraflex 72 S	S / AC	50	7.0 - 8.0	600	20	20	Silanated universal ST-AC, hydrophobicity & adhesion
Orgal® PST 50 A	S / AC	50	7.5 - 9.0	11000	20	20	Universal ST-AC, broad PVC paints
Orgal® P 878	AC	46	8.0 - 9.0	500	14	21	Silanated AC, high scrub resistance, hydrophobicity

## Interior Paints Solvent Free

Product Name	Chemical Composition	Total Solid (% ±1)	pH	Viscosity (mPa.s max)	MFFT (°C)	Tg (°C)	Features & Benefits
Orgal® PR 650	AC	50	8.0 - 8.5	1200	<3	-1	Tannin & stain blocking, premium primer & topcoats
Orgal® P 036V	AC	50	8.0 - 9.0	500	<3	0	Solvent free interior & exterior paints, broad PVC
Orgal® P 74 S	S / AC	50	7.0 - 8.0	2000	<3	5	Silanated ST-AC, high scrub, high alkaline resistance
Orgal® P 062V	VA / AC	53	4.0 - 5.5	4000	<3	11	Solvent free, low surface tack, broad PVC interior paints

## Exterior Paints

Product Name	Chemical Composition	Total Solid (% ±1)	pH	Viscosity (mPa.s max)	MFFT (°C)	Tg (°C)	Features & Benefits
Orgal® Duraflex 84 S	AC	50	7.0 - 8.0	500	5	n/a	Silanated AC, breathability, excellent water resistance, low VOC, good dirt pick-up resistance
Orgal® PST 50 A	S / AC	50	7.5 - 9.0	11000	20	20	Universal ST-AC, broad PVC paints
Orgal® P 839 W	AC	46	7.5 - 8.5	500	17	n/a	Hydrophobic, high water resistance, low water permeability
Orgal® P 878	AC	46	8.0 - 9.0	500	14	21	Silanated AC, hydrophobicity, early wash off resistance, good dirt pick-up resistance
Orgal® P 862 W	AC	50	8.0 - 9.0	1000	18	22	Universal binder, wet adhesion, hydrophobicity
Orgal® P 826 L	AC	58	8.5 - 9.5	3000	5	9	High solid, high outdoor durability and water resistance

## Eggshell-Semigloss Paints

Product Name	Chemical Composition	Total Solid (% ±1)	pH	Viscosity (mPa.s max)	MFFT (°C)	Tg (°C)	Features & Benefits
Orgal® P 050G	AC	47	8.0 - 8.5	1000	<3	n/a	High adhesion, low VOC capability, block resistance
Orgal® P 862 W	AC	50	8.0 - 9.0	1000	18	22	Universal binder, wet adhesion, hydrophobicity
Orgal® P 839 W	AC	46	7.5 - 8.5	500	17	n/a	Wet adhesion, excellent durability on wood
Orgal® P 526	VA/VV	55	4.0-6.0	5000	11	25	High solid and good gloss development
Orgal® F 4515	AC	43	8.5 - 9.0	400	15	n/a	Self crosslinking, excellent water & alcohol resistance, block resistance

## Gloss Paints

Product Name	Chemical Composition	Total Solid (% ±1)	pH	Viscosity (mPa.s max)	MFFT (°C)	Tg (°C)	Features & Benefits
Orgal® P 888	AC	45	7.0 - 8.0	500	24	30	High gloss
Orgal® P 050G	AC	47	8.0 - 8.5	1000	<3	n/a	High adhesion, low VOC capability, block resistance
Orgal® CX 3011	S / AC	42	7.0 - 8.0	200	40	36	Highest gloss, adhesion on metal & glass

## Plasters

Product Name	Chemical Composition	Total Solid (% ±1)	pH	Viscosity (mPa.s max)	MFFT (°C)	Tg (°C)	Features & Benefits
Orgal® Duraflex 72 S	S / AC	50	7.0 - 8.0	600	20	20	Silanated ST-AC, hydrophobicity & adhesion on mineral
Orgal® P 862 W	AC	50	8.0 - 9.0	1000	18	22	Water whitening resistance, excellent application rheology
Orgal® P 74 S	S / AC	50	7.0 - 8.0	2000	<3	5	Silanated, silicate and alkaline stability, zero VOC capable

## Garage Floor and Concrete Sealer

Product Name	Chemical Composition	Total Solid (% ±1)	pH	Viscosity (mPa.s max)	MFFT (°C)	Tg (°C)	Features & Benefits
Orgal® P 878	AC	46	8.0 - 9.0	500	14	21	Silanated AC, hydrophobicity, early wash off resistance, good dirt pick-up resistance
Orgal® F 4630	AC	40	7.8 - 8.5	1000	20	n/a	Excellent adhesion, hardness, high chemical resistance, good hot tire pick-up

# Elastomeric & Anticarbonation Coatings

## Elastomeric Wall Paints

Product Name	Chemical Composition	Total Solid (% ±1)	pH	Viscosity (mPa.s max)	MFFT (°C)	Tg (°C)	Features & Benefits
Orgal® K 6455 E	AC	60	5.0 - 7.0	2000	<0	-35	UV X-linking, dirt pick-up resistance, excellent elongation
Orgal® P 806 S	S / AC	50	7.5 - 9.0	9000	<0	-6	Silanated ST-AC, balanced properties

## Anticarbonation Coatings

Product Name	Chemical Composition	Total Solid (% ±1)	pH	Viscosity (mPa.s max)	MFFT (°C)	Tg (°C)	Features & Benefits
Orgal® K 6459 E	AC	55	7.5 - 8.5	1000	<0	-35	UV X-linking, dirt pick-up resistance

## Wood Coatings

### Architectural Wood & Trim Paints

Product Name	Chemical Composition	Total Solid (% ±1)	pH	Viscosity (mPa.s max)	MFFT (°C)	Tg (°C)	Features & Benefits
Orgal® P 050G	AC	47	8.0 - 8.5	1000	<3	n/a	High adhesion, high gloss low VOC capability
Orgal® P 838 W	AC	46	7.5 - 8.5	500	14	n/a	High water resistance & durability, excellent for wood stain
Orgal® F 4515	AC	43	8.5 - 9.0	400	15	n/a	Chemical resistance, hydrophobicity, block resistance
Orgal® P 888	AC	45	7.0 - 8.0	500	24	30	High gloss

### Joinery Coatings

Product Name	Chemical Composition	Total Solid (% ±1)	pH	Viscosity (mPa.s max)	MFFT (°C)	Tg (°C)	Features & Benefits
Orgal® P 086 V	AC	43	8.5 - 9.0	400	14	n/a	Ultra-low liquid water permeability, block resistance
Orgal® P 050 G	AC	47	8.0 - 8.5	1000	<3	n/a	High adhesion, block resistance, low VOC capability
Orgal® F 9100	AC	44	8.0 - 9.0	3000	5	n/a	Excellent hot block resistance & exterior durability

### Furniture Coatings

Product Name	Chemical Composition	Total Solid (% ±1)	pH	Viscosity (mPa.s max)	MFFT (°C)	Tg (°C)	Features & Benefits
Orgal® F 4050	AC	40	8.0 - 9.0	500	49	49	Chemical resistance, scratch resistance & hardness, wood warmth
Orgal® F 4530	AC	43	8.0 - 9.0	400	26	n/a	Early stackability, chemical resistance, natural look
Orgal® F 4550	AC	45	8.2 - 9.2	500	50	n/a	High block resistance, hardness
Orgal® F 4626	AC	46	8.0 - 9.5	500	22	n/a	Grain rising resistance, hydrophobicity
Orgal® F 4630	AC	40	7.8 - 8.5	1000	20	n/a	In-can clear, blocking resistance, hardness, wood warmth, chemical resistance

## Primers

### Minerals

Product Name	Chemical Composition	Total Solid (% ±1)	pH	Viscosity (mPa.s max)	MFFT (°C)	Tg (°C)	Features & Benefits
Orgal® PR 9464	AC	46	8.0 - 9.0	500	<3	7	Efflorescence resistance
Orgal® PR 670	S / AC	30	7.0 - 8.0	100	5	8	Deep penetrating primer
Orgal® P 806 S	S / AC	50	7.5 - 9.0	9000	<0	-6	Water & alkali resistance, elasticity

### Wood

Product Name	Chemical Composition	Total Solid (% ±1)	pH	Viscosity (mPa.s max)	MFFT (°C)	Tg (°C)	Features & Benefits
Orgal® P 838 W	AC	46	7.5 - 8.5	500	14	n/a	Flexible, high water resistance & durability
Orgal® F 4530	AC	43	8.0 - 9.0	400	26	n/a	Hardness, fast drying, stackability
Orgal® F 4626	AC	46	8.0 - 9.5	500	22	n/a	Grain rising resistance, hydrophobicity
Orgal® F 5100	ASR	45	2.1 - 4.1	100	n/a	110	Higher thickening efficiency, good transfer ability Used for roller coater applied MDF primers and cardboard inks

# Primers

## Tannin/Stain Blocking

Product Name	Chemical Composition	Total Solid [% ±1]	pH	Viscosity [mPa.s max]	MFFT [°C]	Tg [°C]	Features & Benefits
Orgal® PR 650	AC	50	8.0 - 8.5	1200	<3	-1	Tannin & stain blocking, premium primer & topcoats
Orgal® F 4325	AC	43	8.0 - 9.0	400	27	n/a	Sandable, chemical resistance

## Dispersants & Thickeners

Product Name	Chemical Composition	Total Solid [% ±1]	pH	Viscosity [mPa.s max]	Features & Benefits
Dispersant DMA 40	Sodium Polycarboxylate	40	5.0 - 6.0	2000	Odourless, Low foaming polymeric dispersing agent
Dispersant K 850	Sodium Polycarboxylate	30	8.5 - 10.5	350	Polymeric dispersing agent, ZnO stabilization
Dispersant ASP 42	Ammonium Polycarboxylate	40	6.5 - 7.5	400	Odourless, Highly effective dispersant for anionic pigments and extenders in aqueous systems
Orgal® M 520	ASE	28	2.1 - 4.1	n/a	General purpose acrylic thickener with pseudoplastic profile
Orgal® HT 465	HASE	30	2.1 - 4.1	n/a	General purpose hydrophobically modified acrylic thickener with pseudoplastic profile

### Legend

S	Styrene
AC	Acrylic and Acrylic Copolymer
VA	Vinyl Acetate
VV	Vinyl Versetate
ASE	Alkali Swellable Emulsion
HASE	Hydrophobically Modified Alkali Swellable Emulsion
Tg [°C]	Glass Transition Temperature
Viscosity (mPa.s max.)	Brookfield Viscosity @25°C
MFFT	Minimum Film Formation Temperature
n/a	Not Applicable



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