

PAINTS & COATINGS

UNIVERSAL DISPERSIONS

CHP 500	CHP 506	CHP 510	CHP 535
Polymer: Styrene Acrylic	Polymer: Styrene Acrylic	Polymer: Styrene Acrylic	Polymer: VAc Acrylic
Characteristics	Characteristics	Characteristics	Characteristics
Tg: 17 °C	Tg: 17 °C	Tg: -5 °C	Tg: 19 °C
Solids: 50 %	Solids: 48 %	Solids: 49 %	Solids: 65 %
Particle size: 100 nm	Particle size: 180 nm	Particle size: 100 nm	Particle size: 600 nm
Formaldehyde status: FA Free	Formaldehyde status: FA Free	Formaldehyde status: FA Free	Formaldehyde status: FA Free
Special features: Excellent pigment binding capacity, Outstanding water resistance, Outstanding scrub resistance also in high PVC formulations	Special features: Water glass compatible, Very good pigment binding capacity, good hardness development	Special features: Excellent pigment binding capacity, Outstanding water resistance, Outstanding scrub resistance also in high PVC formulations, good hardness development	Special features: Wide formulation scope due to high solids, Excellent cost / performance balance, Good scrub resistance, Non ionic
Application: Interior paints, Masonry coatings, Primers, Plasters, Putties, Lacquers, Clear lacquers	Application: Silicate paints, interior paints, Masonry coatings, Primers, Plasters, Putties	Application: Interior paints, Masonry coatings, Primers, Plasters, Putties	Application: Interior paints, Putties

FLEXIBLE COATINGS & SEALANTS

CHP 517	CHP 557	CHP 580	CHP 585
Polymer: Styrene Acrylic	Polymer: Acrylic	Polymer: VAc Versatate	Polymer: Acrylic
Characteristics	Characteristics	Characteristics	Characteristics
Tg: -2 °C	Tg: -21 °C	Tg: 4 °C	Tg: 10 °C
Solids: 60 %	Solids: 60 %	Solids: 47 %	Solids: 30 %
Particle size: 500 nm	Particle size: 500 nm	Particle size: 400 nm	Particle size: 50 nm
Formaldehyde status: FA Free	Formaldehyde status: FA Free	Formaldehyde status: FA Free	Formaldehyde status: FA Free
Special features: Good elasticity, Good alkali resistance, High solids , Low odour, Compatible with Portland cement, Can be used as co-binder to improve elasticity	Special features: High flexibility, compatible with Portland cement, Good water resistance, Good crack bridging properties, Good alkali resistance, Can be used as co-binder to improve elasticity	Special features: Outstanding adhesion to concrete, Compatible with Portland cement, Good alkali resistance	Special features: Excellent penetration and binding properties, Hydrophobic polymer film with good water vapour permeability, hydrosol, ultrafine particle size, primer before painting. Applied as such diluted to 10% solids.
Application: Low odour sealants, Thick film coatings, Plasters, Caulks and sealants	Application: Masonry coatings, Plasters, Caulks and sealants, Glues	Application: Concrete sealers under self levelling toppings, Modification of Portland cement mortars	Application: Interior primers, Masonry primers, Sealers, Gypsum board sealers

PAINTS & COATINGS

EXTERIOR AND INTERIOR ACRYLICS

CHP 550
Polymer: Acrylic
Characteristics
Tg: -2 °C
Solids: 48 %
Particle size: 120 nm
Formaldehyde status: FA Free
Special features: Excellent gloss potential, Outstanding wet scrub resistance, Good dirt pick-up resistance, Good blocking resistance, Excellent exterior durability, Good adhesion
Application: Interior paints, Masonry coatings, Primers, Plasters, Facade paints for wood, Wood stains, Clear Lacquers

CHP 555
Polymer: Acrylic
Characteristics
Tg: 48 °C
Solids: 48 %
Particle size: 110 nm
Formaldehyde status: FA Free
Special features: Excellent gloss potential, Outstanding wet scrub resistance, Good blocking resistance, Good adhesion to multiple substrates (incl DTM), Excellent exterior durability, Good adhesion. Can be used as co-binder to adjust hardness.
Application: Trim paints, Metal paints, Clear Lacquers

CHP 556
Polymer: Acrylic
Characteristics
Tg: 22 °C
Solids: 60 %
Particle size: 300 nm
Formaldehyde status: FA Free
Special features: Higs solids for wood, excellent adhesion on wood. Thick layer coating for wood.
Application: Facade paints for wood, Primers and medium coatings for wood

CHP 559
Polymer: Acrylic
Characteristics
Tg: 22 °C
Solids: 46 %
Particle size: 110 nm
Formaldehyde status: FA Free
Special features: Excellent UV durability, Excellent water whitening resistance, High hydrophobicity also suitable for transparent and semitransparent products, Excellent adhesion
Application: Interior paints, Masonry coatings, Primers, Plasters, Facade paints for wood, Wood stains

CHP 570
Polymer: Versatate acrylic
Characteristics
Tg: 27 °C
Solids: 44 %
Particle size: 90 nm
Formaldehyde status: FA Free
Special features: Excellent water resistance and water whitening resistance, Excellent corrosion resistance, Excellent chemical and stain resistance, DTM, Adhesion to metal
Application: Interior paints, Masonry coatings, Anti-corrosive Primers, Metal paints, DTM, Mosaic stone plasters, Wood stains, Clear Lacquers

PAINTS & COATINGS

SPECIALTY

CHP 528
Polymer: Acrylic
Characteristics
Tg: 60 °C
Solids: 40 %
Particle size: 85 nm
Formaldehyde status: FA Free
Special features: Excellent hot pot resistance, Very good substrate wetting and chemical resistance, Self-crosslinking polymer, Warm appearance
Application: Industrial lacquers, Furniture lacquers, Clear Lacquers

CHP 536
Polymer: Acrylic
Characteristics
Tg: 10 °C
Solids: 48 %
Particle size: 100 nm
Formaldehyde status: FA Free
Special features: Excellent mechanical properties, Stain resistance functionality, Easy stain removal
Application: Interior paints, High quality interior paints, Wet room paints

CHP 581
Polymer: VA
Characteristics
Tg: 12 °C
Solids: 44 %
Particle size: 600 nm
Formaldehyde status: FA Free
Special features: Locking of discoloring agents especially tannins, Excellent adhesion on wood, Low water uptake, knot sealing properties, nicotine and tannin sealer
Application: Interior primers and exterior wood primers

CHP 553 FREE
Polymer: Acrylic
Characteristics
Tg: -3 °C
Solids: 50 %
Particle size: 100 nm
Formaldehyde status: FA Free
Special features: Versatile acrylic binder for multiuse in indoor, primers and masonry coatings, Very low VOC & SVOC, Low odour, Excellent pigment binding capability, no biocide in dispersion, pH >10
Application: Interior paints, Masonry coatings, Primers, Plasters, Kids rooms, Low odour paints

CHP 553
Polymer: Acrylic
Characteristics
Tg: -3 °C
Solids: 50 %
Particle size: 100 nm
Formaldehyde status: FA Free
Special features: Versatile acrylic binder for multiuse in indoor, primers and masonry coatings, Very low VOC & SVOC, Excellent pigment binding capability
Application: Interior paints, Masonry coatings, Primers, Plasters, Kids rooms, Low odour paints

PAINTS & COATINGS

RHEOLOGY MODIFIERS AND DISPERSANTS

CHP 701	CHP 713	CHP 804	CHP 805
Polymer: Acrylamide-acrylate	Polymer: Acrylate	Polymer: Sodium salt of polycarboxylic acid	Polymer: Ammonium salt of polycarboxylic acid
Characteristics	Characteristics	Characteristics	Characteristics
Solids: 16 %	Solids: 30 %	Solids: 44 %	Solids: 39 %
pH: 8,5	pH: 5	pH: 7-9	pH: 7-9
Food contact compliance: BfR, FDA	Food contact compliance: BfR, FDA, GB	Food contact compliance: BfR, FDA	Food contact compliance: BfR, FDA
Special features: Exceptionally viscous under high shear, Superior runnability via blade load control	Special features: Alkali swellable polymer, Excellent water retention, High thickening effect at low dosage rate	Special features: Anionic dispersing agent, ideal for kaolin clay and calcium carbonate, Ammonium free	Special features: Anionic dispersing agent, ideal for kaolin clay and calcium carbonate
Application: Rheology modifier for packaging paper and board graphical papers, paints & coatings	Application: Rheology modifier for packaging paper and board graphical papers, paints & coatings	Application: Dispersing agent for coating color pigments, paints & coatings, pigment slurries	Application: Dispersing agent for coating color pigments, paints & coatings, pigment slurries