



BRB Siloen® Paint Additives Range (cont.)

Product Name/Description	Active	Application/Features/Suitable Thinners	Binders Compatibility/Typical Dosage & Point of addition
BRB Siloen® LA 270 Silicone Polyether Copolymer solvent solution	10% in xylene	<ul style="list-style-type: none"> General purpose levelling agent for solvent borne coatings ↔ Improves levelling ↔ Strong anti-crater effect ↔ Medium slip ↔ Recoatable 	Solvent borne Acrylic, Alkyd, Amide, Epoxy, Nitrocellulose, Polyester, Polyurethane, Vinyl 0,1 to 0,5% let-down stage or post addition
BRB Siloen® LA 271 Glycol Modified Siloxane	100%	<ul style="list-style-type: none"> For solvent, EB/UV and water borne coatings ↔ Improves levelling, slip, mar resistance, anti-blocking ↔ Enhances gloss 	Acrylic, Epoxy, Vinyl, Alkyd, Amide, Polyester, Polyurethane, Nitrocellulose 0,05 to 1% let-down stage or post addition Complies to EU Directive 10/2011 Annex I, table 1, Ref. no: 80640 BfR XV. Silicones: part I
BRB Siloen® SMA 280 Polyether modified siloxane solution	50% in DPGME (1)	<ul style="list-style-type: none"> Provides strong slip, smoothness and scratch resistance ↔ pH stable (4 to 10) ↔ Defoaming properties 	Water borne, Solvent borne, radiation curable printing inks and overprint varnishes 0,1 to 1% let-down stage Dilutable with Alcohols, Glycol ethers and dispersible in water
BRB Siloen® SMA 281 Ultrahigh MW Polysiloxane dispersion	65% in water	<ul style="list-style-type: none"> Water borne and Solvent borne coatings ↔ Imparts mar resistance, slip and release ↔ Reduces CoF 	Water borne wood coatings, printing inks, leather top coating (including solvent based) 0,05 to 3,0% post addition or let-down stage Dilutable with Water, Polar Solvent
BRB Siloen® SMA 283 Polyether modified siloxane	100%	<ul style="list-style-type: none"> Provides slip and smoothness ↔ Helps flow, levelling and anti-crater ↔ Recoatable 	Solvent borne, Water borne and UV/EB coatings 0,05 to 1,0% let-down stage or post addition Dilutable with Alcohols, Glycol ethers
BRB Siloen® SMA 284 Ultrahigh MW Polysiloxane dispersion	80% in water	<ul style="list-style-type: none"> Water borne and Solvent borne coatings ↔ Imparts mar resistance, slip and release ↔ Reduces CoF 	Acrylic, Alkyd, Epoxy, Polyester, Polyurethane, Vinyl 0,05 to 3,0% post addition or let-down stage High viscosity product: pre-dilution is recommended to get homogeneous dispersion into the coating Dilutable with Water, Polar Solvent
BRB Siloen® SMA 285 High MW Silicone Urethane Resin Emulsion	30% in water	<ul style="list-style-type: none"> Waterborne Coating ↔ Improve water repellency and soil resistance ↔ Provide slip, mar as well as smoothness 	Water borne coatings, fabric finishing and hard surface cleaners 0,5 to 5,0% post addition or let-down stage Dilutable with Water

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BRB Siloen® SMA 286 Crosslinkable Silicone Acrylate Pre-polymer	100%	<ul style="list-style-type: none"> Specially designed for UV/EB system Improves slip, scratch, mar resistance as well as release properties ↔ Reduce CoF ↔ Permanent binding into the matrix preventing migration from the coating ↔ Also suitable for polymer modification 	CoF Reduction: 0,2 to 1,0% Release: 1,5 to 3,0% post addition or let-down stage Dilutable with Aromatic and Aliphatic solvents and dispersible in Water
BRB Siloen® DA 290 Fluorosilicone solvent dispersion	0.75% in DIBK (2)	<ul style="list-style-type: none"> Defoamers for solventless and solvent borne coating ↔ Highly effective at low addition 	Recommended for PU or Epoxy based plastic systems 0,1 to 0,7 % let-down stage or post addition Dilutable with Ketones
BRB Siloen® TA 394 Ultrahigh MW Polysiloxane dispersion	10% in xylene	<ul style="list-style-type: none"> Hammertone finish Designed for solvent borne coating 	0,05 to 0,8% let-down stage Dilutable with Aromatic and Aliphatic solvents
BRB Siloen® PDA 222 Alkyl modified siloxane	100%	<ul style="list-style-type: none"> Dispersant processing aid alkylsiloxane for surface treatment of inorganics fillers and any pigments used in thermoplastic formulations and solvent borne paint and inks ↔ Allows higher pigment content ↔ Improved water repellency and weatherability ↔ Enhanced color strength ↔ Higher heat resistance vs organic dispersant, reducing yellowing in high temperature application ↔ Improved dispersion stability preventing flooding and floating 	TiO ₂ pigment dispersant 0,5 to 4,0% depending on pigment quality (higher quality pigment requires lower dosage) Grind stage

(1) Di-Propylene Glycol Methyleneether (2) Di-Isobutylketone

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