



JEBSEN & JESSEN

JebChem

SUBSTRATE WETTING
ADDITIVES

SUBSTRATE WETTING ADDITIVES

Our Substrate Wetting Additives promote a smooth film formation by creating good wetting to low energy surfaces or contaminants. Both silicone and silicone-free products are available for solvent-borne or waterborne coatings and inks.

Certain JebChem Substrate Wetting Additives are better suited for either printing or OPV systems. For example, some have more static wetting while others possess higher dynamic wetting, which is ideal for printing. In addition, silicone-free types are low foams or even defoaming, making them suitable for both printing inks and OPV systems.



PRODUCT RANGE – SUBSTRATE WETTING ADDITIVES

Product Name	Features
JebChem 5204	Excellent static and dynamic substrate wetting. Low foam stabilisation. For printing inks and OPV.
JebChem 5420	Excellent static and dynamic substrate wetting. Low foam stabilisation. For printing inks and OPV.
JebChem 5440	Excellent static and dynamic substrate wetting. Low foam stabilisation. For printing inks and OPV.
JebChem 5465	Excellent static and dynamic substrate wetting. Low foam stabilisation. For printing inks and OPV.
JebChem 5604	Excellent static and dynamic substrate wetting. Low foam stabilisation. For printing inks and OPV.
JebChem 5075	Excellent static and dynamic substrate wetting. Low foam stabilisation. For printing inks and OPV.
JebChem 4211	Excellent substrate wetting and anti-crater for both solvent-based and water-based coatings. No slip effect and should be used in pH of 6-8.
JebChem 4245	Excellent substrate wetting and anti-crater for both solvent-based and water-based coatings. No slip effect and should be used in pH of 6-8.
JebChem 4067	Excellent substrate wetting and anti-crater for both solvent-based and water-based coatings. No slip effect and should be used in pH of 6-8.
JebChem 4346	Excellent substrate wetting and anti-crater for both solvent-based and water-based coatings. No slip effect.
JebChem 4349	Excellent substrate wetting and anti-crater for both solvent-based and water-based coatings. No slip effect.



FUNCTIONAL OVERVIEW – SUBSTRATE WETTING ADDITIVES

Product Name	Dosage	System			Paint						Ink			Substrate Type		Binder System								Functions														
		Solvent Base	Water Base	UV Curing	Architecture	Automotive	Coil/Baking	Heavy Duty	Plastics/Industrial	UV Curing	Wood	Flexo	Gravure	Screen	Aluminum	Concrete	TPO	2 Pack PU	Acrylic	Acrylic/Melamine	Alkyd	Epoxy	Polyester	PUD	PVAc/AE	Styrene Acrylic	Waterborne Resin	Anti-Crater	Defoaming	Flow & Levelling	Low Foaming	Substrate Wetting	Wetting & Dispersing					
JebChem 5204	0.1 - 1%		•		•	•		•		•	•						•	•						•	•	•	•	•	•	•	•	•	•	•	•			
JebChem 5420	0.1 - 1%		•		•	•		•		•				•	•	•	•	•	•	•	•	•				•	•	•	•	•	•	•	•	•	•			
JebChem 5440	0.1 - 1%		•		•	•		•		•				•	•	•	•	•	•	•	•	•				•	•	•	•	•	•	•	•	•	•	•		
JebChem 5465	0.1 - 1%		•		•	•		•		•				•	•	•	•	•	•	•	•	•				•	•	•	•	•	•	•	•	•	•	•		
JebChem 5604	0.1 - 1%		•		•	•		•		•				•	•	•	•	•	•	•	•	•				•	•	•	•	•	•	•	•	•	•	•		
JebChem 5075	0.1 - 1%		•	•						•																•	•	•	•	•	•	•	•	•	•	•		
JebChem 4211	0.1 - 1%	•	•		•			•	•	•	•	•	•													•	•	•	•	•	•	•	•	•	•	•	•	
JebChem 4245	0.1 - 1%	•	•		•	•	•	•	•	•	•	•	•													•	•	•	•	•	•	•	•	•	•	•	•	•
JebChem 4067	0.1 - 1%	•	•		•	•	•	•	•	•	•	•	•													•	•	•	•	•	•	•	•	•	•	•	•	•
JebChem 4346	0.1 - 1%	•	•		•	•	•	•	•	•	•	•	•													•	•	•	•	•	•	•	•	•	•	•	•	•
JebChem 4349	0.1 - 1%	•	•		•	•	•	•	•	•	•	•	•													•	•	•	•	•	•	•	•	•	•	•	•	•





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