

Sustainability Quick Guide Architectural Coatings



Sustainability demands in architectural coatings



Additives to meet the demands

Formulation additives from BASF can help improve indoor air quality, reduce consumption of energy and resources in production processes as well as increase the durability of architectural coatings.

Indoor air quality

Our formulation additives with low VOC or SVOC content can reduce emissions and odors. They are ideal for paints that contribute to better air quality and help create pleasant and healthy interior spaces.








Resource efficiency

Highly efficient dispersing agents from BASF accelerate pigment dispersion, the most energy-consuming stage of paint production. They also support maximum color strength and stability, leading to higher pigment efficiency. Our effective rheology modifiers ensure the right film thickness and smoothness for efficient paint usage.

Durability

Coatings that are more resistant to weathering, color fading and dirt pick-up are in demand, and our formulation additives can be instrumental in creating them. Special dispersing agents prevent pigments from being washed out, to avoid formation of "snail trails" when applied. Film-forming agents not only help achieve excellent latex particle fusion, but also enhance resistance to dirt pick-up, so exterior walls remain attractive and protected longer.

Formulation additives for more sustainable architectural coatings

	Dispersing agents	Defoamers	Rheology modifiers	Film-forming agents	Wetting agents and surface modifiers
 Low odor		FoamStar® ED 2521 FoamStar® ED 2522 FoamStar® ED 2523		Loxanol® CA 5336	
 Efficiency	Dispex® CX 4320 Dispex® Ultra FA 4416 Dispex® Ultra PX 4575	Foamaster® MO 2121 FoamStar® ED 2521 FoamStar® ED 2522 FoamStar® ED 2523 FoamStar® SI 2293 FoamStar® ST 2410 FoamStar® ST 2412 FoamStar® ST 2438	Rheovis® HS 1162 Rheovis® PE 1331 Rheovis® PU 1190 Rheovis® PU 1191 Rheovis® PU 1291 Rheovis® PU 1331		
 Eco-labels	Dispex® CX 4231 Dispex® CX 4320 Dispex® Ultra FA 4483 Dispex® Ultra PX 4575 Dispex® Ultra PX 4525 Dispex® Ultra FA 4484 Dispex® Ultra PX 4522 Dispex® Ultra FA 4488	Foamaster® MO 2121 Foamaster® MO 2122 Foamaster® NO 2306 Foamaster® NO 2335 FoamStar® ED 2521 FoamStar® ED 2522 FoamStar® ED 2523 FoamStar® SI 2293 FoamStar® ST 2438	Rheovis® HS 1162 Rheovis® PU 1190 Rheovis® PU 1191 Rheovis® PU 1291 Rheovis® PU 1331	Loxanol® CA 5336	
 Durability	Dispex® CX 4231 Dispex® CX 4320 Dispex® Ultra FA 4416			Loxanol® CA 5336	
 Low VOC	Dispex® CX 4231 Dispex® CX 4320 Dispex® Ultra FA 4483 Dispex® Ultra PX 4575 Dispex® Ultra PX 4525 Dispex® Ultra FA 4484 Dispex® Ultra PX 4522 Dispex® Ultra FA 4488	Foamaster® MO 2121 Foamaster® MO 2122 Foamaster® NO 2306 Foamaster® NO 2335 FoamStar® ED 2521 FoamStar® ED 2522 FoamStar® ED 2523 FoamStar® SI 2293 FoamStar® ST 2410 FoamStar® ST 2438	Rheovis® HS 1162 Rheovis® PE 1331 Rheovis® PU 1190 Rheovis® PU 1191 Rheovis® PU 1291 Rheovis® PU 1331	Loxanol® CA 5336	Hydropalat® WE 3111
 Renewables	Dispex® Ultra FA 4416 Dispex® Ultra FA 4488	Foamaster® NO 2306 Foamaster® NO 2335		Loxanol® CA 5336 Loxanol® OT 5853 Loxanol® OT 5900	
 Tin-free*	Dispex® CX 4231 Dispex® CX 4320 Dispex® Ultra FA 4416 Dispex® Ultra FA 4483 Dispex® Ultra PX 4575 Dispex® Ultra PX 4525 Dispex® Ultra FA 4484 Dispex® Ultra PX 4522 Dispex® Ultra FA 4488	Foamaster® MO 2121 Foamaster® MO 2122 Foamaster® NO 2306 Foamaster® NO 2335 FoamStar® SI 2293 FoamStar® ST 2410 FoamStar® ST 2412 FoamStar® ST 2438	Rheovis® HS 1162 Rheovis® PE 1331 Rheovis® PU 1190 Rheovis® PU 1191 Rheovis® PU 1291 Rheovis® PU 1331	Loxanol® CA 5336 Loxanol® OT 5853 Loxanol® OT 5900	Hydropalat® WE 3111

*Not intentionally added. Product may comprise minor traces as ubiquitously occurring impurities cannot be excluded.



“Our new-generation dispersing agents for universal colorants support label-free pigment concentrates that comply with all major eco-labels. That’s sustainability I can believe in.”

Steffen Onclin

Global Product Development, BASF Formulation Additives

Your formulation partners

Take advantage of cooperation with BASF’s Technical Marketing team and profit from more sustainability in your products:

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