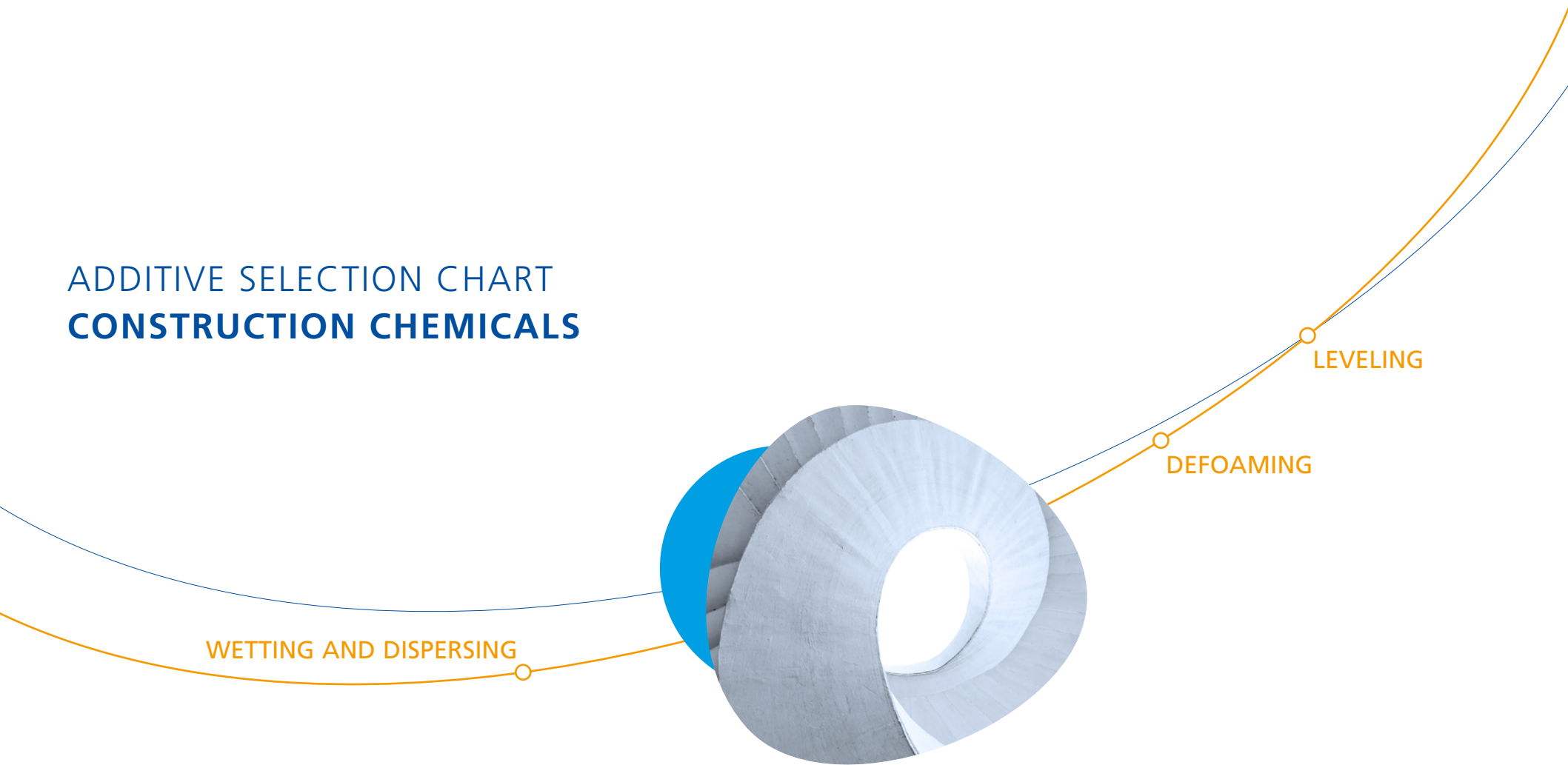


ADDITIVE SELECTION CHART CONSTRUCTION CHEMICALS





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Dry mix mortars (inorganic binder i.e. cement/lime/gypsum)

Application/ binder	Rheology			Defoaming	Wetting and dispersing (mixing and anti-settling of fillers and pigments)	Open time	Water resistance	Leveling
	Anti-sagging	Anti-sedimentation and anti-settling	Workability					
Thin layer (i.e. skim coats, putties)	OPTIBENT-602 OPTIBENT-1008 OPTIBENT-1056	OPTIBENT-602 OPTIBENT-6027	OPTIBENT-616 OPTIBENT-1008 OPTIBENT-6027 OPTIGEL-WX	BYK-1691 SD BYK-1692 SD	DISPERBYK-2290 DISPERBYK-2291 OPTIBENT-NT 10	OPTIBENT-1248	OPTIBENT-NT 10	
Sag-controlled (i.e. base coats, repair mortar, tile adhesives)	OPTIBENT-602 OPTIBENT-1008 OPTIBENT-6027 OPTIBENT-6042		OPTIBENT-6027 OPTIGEL-WX	BYK-1690 SD	DISPERBYK-2290	DISPERBYK-2290 OPTIBENT-602 OPTIBENT-6042		
Flowable and self-leveling (SLU/SLO, screeds)		OPTIBENT-987 OPTIBENT-6027		BYK-1690 SD BYK-1691 SD BYK-1692 SD	DISPERBYK-2291			BYK-1691 SD BYK-1692 SD

Organic based mortar systems

Application/ binder	Rheology			Defoaming	Wetting and dispersing (mixing and anti-settling of fillers and pigments)	Substrate wetting	Open time	Water resistance	Leveling
	Anti-sagging	Anti-sedimentation and anti-settling	Workability						
Aqueous									
Acrylate	OPTIGEL-W 724 OPTIGEL-WA RHEOBYK-7610	ANTI-TERRA-250 OPTIBENT-987 OPTIGEL-WX RHEOBYK-7600 RHEOBYK-H 3300 VF RHEOBYK-M 2600 VF	OPTIBENT-987 OPTIBENT-6018	BYK-014 BYK-037 BYK-1630 BYK-1640 BYK-1724 BYK-1740 BYK-1786	ANTI-TERRA-250 BYK-154 DISPERBYK-199 BF* DISPERBYK-2019 DISPERBYK-2080	BYK-349 BYK-3410 BYK-3451	BYKETOL-PC	AQUACER 497 AQUACER 1039	BYK-333 BYK-3565 BYKETOL-WA
VAC	OPTIGEL-WA RHEOBYK-7600	ANTI-TERRA-250 OPTIBENT-987 OPTIGEL-WX RHEOBYK-7600 RHEOBYK-H 3300 VF	OPTIBENT-987 OPTIBENT-6018 OPTIGEL-WX	BYK-037 BYK-1640 BYK-1710 BYK-1724 BYK-1740	ANTI-TERRA-250 DISPERBYK-2080	BYK-3410 BYK-3451	BYKETOL-PC	AQUACER 497 AQUACER 539 AQUACER 1039	
PU	OPTIGEL-WA RHEOBYK-7610	OPTIGEL-WA OPTIGEL-WX RHEOBYK-7600		BYK-014 BYK-022 BYK-1724 BYK-1786	DISPERBYK-199 BF* DISPERBYK-2015 BF*	BYK-349 BYK-3410	BYKETOL-PC		BYK-333 BYK-3565
Epoxy	OPTIGEL-WA RHEOBYK-HV 80	OPTIGEL-WX RHEOBYK-440	GARAMITE-1958	BYK-011 BYK-022 BYK-1630** BYK-1711**	ANTI-TERRA-250** DISPERBYK-194 N** DISPERBYK-199 BF*	BYK-349 BYK-1681 BYK-3455			BYK-333 BYK-3565
Solvent and solvent-free									
Epoxy		GARAMITE-7305 RHEOBYK-430 RHEOBYK-7410 ET		BYK-1760 BYK-1794 BYK-1796 BYK-A 530	BYK-9076 BYK-W 969 DISPERBYK-2152 TF DISPERBYK-2155 TF	BYK-333 BYK-3764			BYK-327 BYK-329
PU		GARAMITE-1958 RHEOBYK-430 RHEOBYK-7410 CA		BYK-392 BYK-1794 BYK-A 535	BYK-9076 BYK-W 969 DISPERBYK-111 DISPERBYK-2155 TF	BYK-310 BYK-333			BYK-306 BYK-354

* Biocide-free version: Future-oriented variant of the original product. Originals are still available.

** Formulation in the amine component, not in the binder.

Hybrid systems (polymer & cement)

Application/ binder	Rheology		Defoaming	Wetting and dispersing (mixing and anti-settling of fillers and pigments)	Substrate wetting	Open time
	Anti-sagging	Anti-sedimentation and anti-settling				
Epoxy	GARAMITE-1958	GARAMITE-1958	BYK-011 BYK-S 732	BYK-9076 BYK-W 996 DISPERBYK-111 DISPERBYK-190		
PU	OPTIBENT-987 RHEOBYK-H 7500 VF	ANTI-TERRA-250 OPTIBENT-987	BYK-1690 SD BYK-1790 BYK-1794	ANTI-TERRA-250 DISPERBYK-190 DISPERBYK-194 N DISPERBYK-2080	BYK-349 BYK-3400 BYK-3410	BYKETOL-PC
Mineral-based	OPTIBENT-987	OPTIBENT-987	BYK-014 BYK-1690 SD			

Geopolymers

Application/ binder	Rheology			Defoaming	Wetting and dispersing (mixing and anti-settling of fillers and pigments)	Substrate wetting
	Anti-sagging	Anti-sedimentation and anti-settling	Workability			
Epoxy	OPTIBENT-987 OPTIGEL-WX	OPTIGEL-WX	OPTIGEL-WX	BYK-1681 BYK-1691 SD BYK-1692 SD	DISPERBYK-2190 DISPERBYK-2291	BYK-1681

Admixtures and concrete

Application/ binder	Rheology	Defoaming	Wetting and dispersing (mixing and anti-settling of fillers and pigments)
Admixture (PCE)	Anti-sedimentation and anti-settling	BYK-1610 BYK-1615 BYK-1617 BYK-1680 BYK-1681	
Admixture (Ligno)	OPTIBENT-6027	BYK-1640	
Admixture Naphthalen	OPTIBENT-6027	BYK-A 595	
Accelerators	ANTI-TERRA-250 OPTIGEL-WX		
Concrete and offshore		BYK-1681	BYK-3951 P DISPERBYK-2190

Water-proofing

Application/ binder	Rheology			Defoaming	Wetting and dispersing (mixing and anti-settling of fillers and pigments)	Substrate wetting	Leveling
	Anti-sagging	Anti-sedimentation and anti-settling	Workability				
Bitumen and asphalt	Aqueous						
	OPTIBENT-6027 RHEOBYK-HV 80 RHEOBYK-T 1000 VF	RHEOBYK-7420 CA		BYK-018 BYK-022 BYK-1724 BYK-1730	ANTI-TERRA-250 BYK-154 DISPERBYK-199 BF*		
	SBR and styrene acrylic (aqueous)						
	RHEOBYK-H 6500 VF		RHEOBYK-T 1010 VF	BYK-022 BYK-1640	DISPERBYK-199 BF*		
	Solvent-based						
	CLAYTONE-40	RHEOBYK-431		BYK-052 N BYK-1794	DISPERBYK-145		
PU			BYK-057 BYK-1794	BYK-9076			
MS/STP	GARAMITE-1958 GARAMITE-7303			BYK-1794 BYK-A 560	BYK-9076		
Cement	OPTIBENT-6027 OPTIBENT-NT 10			BYK-1691 SD BYK-1692 SD	BYK-3951 P DISPERBYK-2290		
Liquid polymer and formulated cement powder	OPTIBENT-602 OPTIGEL-WA	OPTIBENT-602 OPTIGEL-WX		BYK-1640 BYK-1690 SD	DISPERBYK-2290		
Epoxy (aqueous)	GARAMITE-1958	GARAMITE-1958		BYK-022 BYK-1710	ANTI-TERRA-250 BYK-9076 DISPERBYK-111	BYK-349 BYK-3455	BYK-333 BYK-3565

* Biocide-free version: Future-oriented variant of the original product. Originals are still available.

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