BYK

ADDITIVE SELECTION CHART
DETERGENTS, CLEANING AND CARE PRODUCTS

RHEOLOGY OPTIMIZING

DEFOAMING

SURFACE PROTECTING

A member of ALTANA

Floor polishes

Foot traffic resistance	Mechanical resistance	Anti-slip	Filling capacity	Substrate wetting	Defoaming	Matting	Anti-settling
AQUACER 571 ●	AQUACER 571 ●	AQUACER 1510 ●	AQUACER 1031 ●	Silicone:	Silicone:	CERAFLOUR 1000 ●	OPTIGEL-CK ●
AQUACER 1075 ●	AQUACER 1075 ●	AQUACER 528 ○	AQUACER 1075 ○	BYK-349 ●	BYK-1679 ●	CERAFLOUR 1010 ●	
AQUACER 519 ○	AQUACER 519 ○			BYK-3450 ●			
				BYK-3451 ●			
				BYK-3455 ○			
				BYK-3456 ○			
				Silicone-free:	Silicone-free:		
				BYK-DYNWET 800 N ○	BYK-1740 ○		

● First recommendation ○ Second recommendation from bio-based raw materials

Leather care

Hydrophobicity	Oleophobicity	Flow behavior	Leveling	Defoaming
AQUACER 570 ●	AQUACER 570 ●	LAPONITE-RD & RHEOBYK-HV 80 ●	BYK-349 ●	Silicone:
AQUACER 571 ●	AQUACER 571 ○	OPTIGEL-WX ○	BYK-3450 ●	BYK-1679 ●
AQUACER 561 ○				
AQUACER 565 ○				Silicone-free:
				BYK-1740 ○

● First recommendation ○ Second recommendation from bio-based raw materials

Car polishes

Deflocculation of abrasives	Anti-settling	Surface protection	Anti-hologramm	Easy polishability	Substrate wetting	Hydrophobicity	Defoaming
DISPERBYK-191 ●	OPTIGEL-WX ●	AQUACER 565 ●	AQUACER 565 ●	BYK-9890 ●	Silicone:	AQUACER 570 ●	Silicone:
DISPERBYK-2015 ●	LAPONITE-EP ○	AQUACER 570 ○	AQUACER 1031 ○	AQUACER 561 ●	BYK-348 ●		BYK-1679 ●
BYK-154 ○		AQUACER 571 ○		AQUACER 570 ○	BYK-3456 ○		
		AQUACER 1031 ○		AQUACER 571 ○			Silicone-free:
							BYK-1740 ○

● First recommendation ○ Second recommendation from bio-based raw materials

Aqueous cleaning products

Application	pH value	Vertical cling	Viscosity	Post-addition	Defoaming
Cleaner for wet rooms	< 0–5	RHEOBYK-7420 CA ● RHEOBYK-7420 ES ● RHEOBYK-7420 ET ● LAPONITE-EP ○ OPTIGEL-WX ○	OPTIGEL-WX ● LAPONITE-EP ○ RHEOBYK-7420 CA ○ RHEOBYK-7420 ES ○ RHEOBYK-7420 ET ○	RHEOBYK-7420 CA ● RHEOBYK-7420 ES ● RHEOBYK-7420 ET ●	Silicone: BYK-1679 ● BYK-1723 ○ BYK-1724 ○ Silicone-free: BYK-011 ●
Cleaner for living rooms	6–8	LAPONITE-RD ● OPTIGEL-CK ○ RHEOBYK-7420 CA ○ RHEOBYK-7420 ES ○ RHEOBYK-7420 ET ○	OPTIGEL-CK ● LAPONITE-RD ○ OPTIGEL-WX ○ RHEOBYK-7420 CA ○ RHEOBYK-7420 ES ○ RHEOBYK-7420 ET ○ RHEOBYK-H 7625 VF ○	RHEOBYK-7420 CA ● RHEOBYK-7420 ES ● RHEOBYK-7420 ET ● RHEOBYK-H 7625 VF ○	Silicone: BYK-1679 ● BYK-1723 ○ BYK-1724 ○ Silicone-free: BYK-014 ○
Cleaner for kitchen	8–12	LAPONITE-RD ● OPTIGEL-CK ○ RHEOBYK-7420 CA ○ RHEOBYK-7420 ES ○ RHEOBYK-7420 ET ○	OPTIGEL-WX ● LAPONITE-EP ○ RHEOBYK-7420 CA ○ RHEOBYK-7420 ES ○ RHEOBYK-7420 ET ○ RHEOBYK-H 7625 VF ○	RHEOBYK-7420 CA ● RHEOBYK-7420 ES ● RHEOBYK-7420 ET ● RHEOBYK-H 7625 VF ○	Silicone: BYK-1679 ● Silicone-free: BYK-014 ○

● First recommendation ○ Second recommendation from bio-based raw materials

Solvent-based cleaning products

Polarity	Viscosity	Easy incorparation	Anti-settling	Post-addition
Low	GARAMITE-7303 ● CLAYTONE-AF ○	RHEOBYK-7411 ES ● GARAMITE-7303 ○	GARAMITE-7303 ● RHEOBYK-431* ○ RHEOBYK-7411 ES* ○	RHEOBYK-7411 ES ● RHEOBYK-431 ○
Medium	GARAMITE-1958 ● CLAYTONE-HY ○	RHEOBYK-7410 ET ● GARAMITE-1958 ○ RHEOBYK-430 ○	GARAMITE-1958 ● RHEOBYK-430* ○ RHEOBYK-7410 ET* ○	RHEOBYK-7410 ET ● RHEOBYK-430 ○
High	GARAMITE-7305 ● CLAYTONE-APA ○	RHEOBYK-7410 ET ● GARAMITE-7305 ○	GARAMITE-7305 ● RHEOBYK-7410 ET* ●	RHEOBYK-7410 ET ●

● First recommendation ○ Second recommendation * possible in transparent products

High-solid cleaning products

Dispersion of particles	Anti-settling and anti-syneresis	Defoaming
DISPERBYK-199 ●	OPTIGEL–WX ●	BYK-011 ●
BYK-154 ○	RHEOBYK-7420 CA ●	BYK-014 ○
	RHEOBYK-7420 ES ●	BYK-1611 ○
	RHEOBYK-7420 ET ●	BYK-1724 ○
	LAPONITE-EP ○	

● First recommendation ○ Second recommendation from bio-based raw materials

Hygiene cleaner

Viscosity/hydrogel
PURABYK-R 5500 ●
PURABYK-R 5501 ●

● First recommendation ○ Second recommendation

Laundry detergents

Thickening/body	Anti-settling	Post-addition	Softening
RHEOBYK-HV 80 ●	RHEOBYK-7420 CA ●	RHEOBYK-7420 CA ●	PURABYK-P 5540 ●
OPTIGEL-WX ○	RHEOBYK-7420 ES ●	RHEOBYK-7420 ES ●	
RHEOBYK-7410 CA* ○	RHEOBYK-7420 ET ●	RHEOBYK-7420 ET ●	
RHEOBYK-7410 ET* ○	RHEOBYK-440 ○	RHEOBYK-HV 80 ●	
RHEOBYK-H 7625 VF ○			

● First recommendation ○ Second recommendation from bio-based raw materials

* concentrated, water-free systems

Fabric softeners

Thickening/body	Anti-settling	Post addition
RHEOBYK-H 7625 VF ●	RHEOBYK-7420 CA ●	RHEOBYK-H 7625 VF ●
RHEOBYK-7420 CA ○	RHEOBYK-7420 ET ●	RHEOBYK-7420 CA ○
RHEOBYK-7420 ES ○	RHEOBYK-7420 ES ○	RHEOBYK-7420 ES ○
RHEOBYK-7420 ET ○		RHEOBYK-7420 ET ○

● First recommendation ○ Second recommendation

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