Dispersions and Redispersible Powders

Gypsum

Americas







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Product Name	Gypsum Wallboard	Joint Compound	Setting Compound	Plaster, Stucco and EIFS	Gypsum SLU	Cement Board	Floor Patch, Mortars, Thinsets	Bonding, Primers, Sealers	Waterproofing	Key Features	Solids Content [%]	pH-Value	Viscosity [mPa·s]	Tg [°C]	MFFT [°C]	Product Name
	Applications						Related Applications				Product Properties *					
Pure Acrylic																**Pure Acrylic**
SYNTHEBOND™ 8818				●						Early water resistance. Adhesive strength. High bond and flexural strength.	47.0	8.5	<200 [1]	15	11	SYNTHEBOND™ 8818
Styrene Acrylic																
REVACRYL™ AE 4522		○		●	○			●		Excellent wet adhesion and water resistance. High bond strength. High viscous version available.	50.0	7.5	350 [2]	22	18	REVACRYL™ AE 4522
REVACRYL™ R 478					●	●	●	●		Improves abrasion and chemical resistance. Contains defoamer.	57.0	8.0	1,850 [1]	23	18	REVACRYL™ R 478
Carboxylated Styrene Butadiene Latex (XSBR)																**Carboxylated Styrene Butadiene Latex (XSBR)**
LIPATON™ SB 30Y160		○		○	○	●	●			High water resistance. High compressive strength. Especially suitable for rigid cementitious applications. Contains Defoamer.	47.0	10.0	165 [1]	18	16	LIPATON™ SB 30Y160
LIPATON™ SB 5843		●		●	●			●	●	High water resistance. Universal cement compatibility. Good balance in compressive & flexural strength.	48.5	7.5	30 [2]	-5	0	LIPATON™ SB 5843
LIPATON™ SB 8100	●			●		●	●			High water resistance. Improves nail-pull resistance of gypsum wallboards. Improves compressive and flexural strength. Enhances adhesion between new and old gypsum and concrete substrates.	41.0	9.0	<150 [1]	20	–	LIPATON™ SB 8100
Redispersible Powder (RDP)																**Redispersible Powder (RDP)**
AXILAT™ HP 8510			●	●	●		●			Vinyl Acetate Copolymer (VaCo). Multipurpose with outstanding dry adhesion.	–	–	–	16	6	AXILAT™ HP 8510
AXILAT™ HP 8516			●							Vinyl Acetate Copolymer (VaCo). Fine particle size. Outstanding performance in finishing system.	–	–	–	–	6	AXILAT™ HP 8516
AXILAT™ HP 8520			●	●	●		○			Vinyl Acetate Copolymer (VaCo). Outstanding adhesion and cohesion on many substrates. High compressive strength and abrasive resistance.	–	–	–	–	7	AXILAT™ HP 8520
AXILAT™ PSB 155	●	●	●	●	●	●	●			SB-RDP. Low emissions. Water and saponification resistant. Excellent redispersability. Strong binding power to paper. Compatible with cement and SCM.	–	–	–	15	8	AXILAT™ PSB 155
AXILAT™ TP 178			●							Vinyl Acetate Ethylene (VAE). Multipurpose with outstanding dry adhesion.	–	–	–	15	4	AXILAT™ TP 178

● Main applications ○ Further applications

* Data describes typical properties – not product specifications
1) Test method ISO 2555 (Brookfield)/ISO 1652 (Brookfield)
2) Test method ISO 3219

Gypsum
Specialty Additives

Americas

Product Name	Gypsum Wallboard	Joint Compound	Setting Compound	Plaster, Stucco and EIFS	Gypsum SLU	Cement Board	Floor Patch, Mortars, Thinsets	Bonding, Primers, Sealers	Waterproofing	Key Features	Solids Content [%]	pH-Value	Viscosity [mPa·s]	Tg [°C]	MFFT [°C]	Product Name
	Applications					Related Applications					Product Properties *					
Butadiene Acrylic Thickeners																**Butadiene Acrylic Thickeners**
ROHAGIT™ SD 9523		○		○		○	●		●	Thickeners - Hydrophobe alkaline swellable. Butadiene/Acrylic HASE. Very efficient at high pH.	35.5	4.5	30 [1]	–	–	ROHAGIT™ SD 9523
Powder Defoamers																**Powder Defoamers**
AXILAT™ DF 770 DD			○	○	●		●			Multipurpose with fast defoaming effect. Stable in both acidic and alkaline conditions.	–	–	–	–	–	AXILAT™ DF 770 DD
AXILAT™ DF 775 DD			○	○	●		●			Fast defoaming effect. Stable in both acidic and alkaline conditions.	–	–	–	–	–	AXILAT™ DF 775 DD
AXILAT™ DF 6352 DD			○	○	●		●			Long lasting effect. Stable in both acidic and alkaline conditions.	–	–	–	–	–	AXILAT™ DF 6352 DD
Powder Rheological Additives																**Powder Rheological Additives**
AXILAT™ RH 100 XP	○		○		●					Thickening and stabilising agent. High anti-segregation effect - Succinoglycan.	–	–	–	–	–	AXILAT™ RH 100 XP
AXILAT™ RH 200 XP	○		○		●					Thickening and stabilising agent. High anti-segregation effect. Fast acting stabilizer - Succinoglycan.	–	–	–	–	–	AXILAT™ RH 200 XP

● Main applications ○ Further applications

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2) Test method ISO 3219

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