

Construction Chemicals for Dry Mortar Additives - ViT Chemical GmbH

Product Family	Name	Type	Code	Spec	Recommended Applications	Benchmarking products	Features
1,Cellulose Ether	Methylhydroxyethyl cellulose (MHEC)/ Hydroxypropyl MethylCellulose (HPMC)	EMP-E14N23	VT000251	40000-50000Cps	C0,C1,Tile adhesive	/	Economical product
		MP-H16N20	VT000969	60000-70000Cps	C1, Tile adhesive	WALOCEL MC 65	Long open time
		VME-H14N20	VT000977	40000-50000Cps	C1,C2 Tile adhesive	WALOCEL MW40000 PFV/ Bermocoll M 70	Well-balanced performance, Long open time
		MP-H12M31	VT000971	20000-30000Cps	Cement Based Machine Plaster, Tile adhesive	WALOCEL MKS 20000 PP30	Good adhesion, excellent Anti-sagging
		MP-H12N19	VT000255	20000-30000Cps	C2ES1/S2, Tile adhesive	/	Suitable for Type S1/S2 tile adhesive, Long open time
		ME-H10M04	VT000978	6000-9000Cps	Tile grout	Tylose MH 6000 YP4 Walocel MW 6000 PFV	Easy workability, high strength
		KMP-H44N05	VT000979	40000-50000Cps	Cement Based Wall Putty	WALOCEL MKX45000 PP10	Exceptional water retention and excellent workability
		EMP-51N07	VT000277	10000-20000Cps	Self-leveling mortar / Grouting material	/	Good fluidity, good suspension
2,Polymer	Redispersible Polymer Powder(RDP)	RDP-7053	VT000284	Tg : 3℃	Tile adhesive	Wacker VINNAPAS 4115 N	Well-balanced performance
		RDP-7028	VT000280	Tg : 3℃	Tile adhesive	/	Economical product
		RDP-7035H	VT000283	Tg : 3℃	Waterproof mortar, Joint filler	VINNAPAS 8034 H	Excellent water resistance
		RDP-86353	VT000287	Tg : -10℃	External Wall Insulation(EIFS/ETICS)	VINNAPAS 5044 N	Excellent flexibility
		RDP-61053	VT000903	Tg : 16℃	Tile adhesive	Elotex 60W	Exceptionally high bonding strength
		RDP-66153	VT000286	Tg : 12℃	Tile adhesive/(EIFS/ETICS)	VINNAPAS 5010N	Excellent weather resistance
3, Accelerators	Calcium formate	BG98	VT000288	Granule	Tile adhesive	/	Increasing the early strength of mortar

3-Accelerators	Nano-enhancer	HS-93	VT000290	Powder	Tile adhesive	/	Improve mortar water resistance
4-Retarders	Tartaric acid	TA-L100	VT000317	Powder	Self-leveling mortar /Plaster	/	Suitable for use with plaster and mortar
	Gypsum retarders	GR-60A	VT000313	Powder	Gypsum-based products	/	Customized retarding agents
		GR-70	VT000976	Powder		/	The dosage is more linear, and the product is more stable
		GR-95	VT000314	Powder		SICIT PlastRetard-PE L/ SIKA Retardan 200P	Significant retarding effect under strong alkaline conditions (pH > 12), e.g., when adding lime
		LGR-40	VT000316	Liquid	Plasterboard	PlastRetard-PE L	Liquid retarder, easier to use
5-Water repellent agents	Silicone Hydrophobic Powder	WS-90	VT000292	Powder	Waterproof mortar, Joint filler	Wacker Powder D/ Elotex Seal80	Excellent water repellent performance
	Silicone oil	LWS-940	VT000293	Liquid	Plasterboard/Gypsum Bricklaying	Wacker SILRES® BS 94	Suitable for moisture-resistant plasterboard
6-Air entraining agents	Sodium Lauryl Sulfate	AE-110P	VT000294	Powder	Mortar/Wall putty/Plaster	/	Improving the Workability of Putty and Mortar
	Sodium α-olefin sulfonate	AE-180P	VT000296	Powder		Clariant-Hostapur OSB	Introduces uniform and fine foaming, Increase the Coating Rate
7-Foaming agents	Gypsum-based special	LWC-10	VT000297	Liquid	Plasterboard	Basf Vinapor GYp 3110	Good foaming effect, Big bubble
		LWC-50	VT000299	Liquid		Basf Vinapor GYp 2620	Good foaming effect, Medium bubble
8-Defoamers	Silicone/polyether Based	D-130	VT000300	Powder	Universal type	Muzing Agitan P833	Good defoaming effect, good foam suppression
		D-150	VT000302	Powder	Low-temperature resistant	Evonik Stiren Air Void 360 Muzing Agitan P841	Strong defoaming ability at low temperatures
9-Enhanced anti-cracking materials	Polypropylene fibres	PPCF	VT000312	3,6,12mm	Anti-cracking mortar	/	Improves the flexibility of the mortar
	Nature Cellulose /Powdered cellulose	LW-500	VT000303	White Fiber	Tile Adhesive/Putty	JRS PWC500	Improves workability and reduces mortar cracking
		LG-500	VT000304	Gray Fiber		JRS ZZC500	

10-Modified Starch	Hydroxypropyl starch	SE-302	VT000306	Potato starch		STARVIS SE 35 F	High anti-sagging properties, good thickening properties
		SE-501	VT000307	Tapioca starch	Wall Putty	/	Improves the smoothness of wall putty
		SE-801	VT000308	Potato starch	Plaster	STARVIS SE 45 F	Good thickening properties
	Pre-gelatinised starch	PTS-80	VT000328	Tapioca starch	Mortar/putty	/	Improves mortar adhesion
		PCS-30	VT000327	Corn starch	Interior wall putty	/	Improves the surface strength of the wall putty
11-binder	Powder polyvinyl alcohol	PVA-1788P	VT000310	Powder	Interior wall putty	/	Improves smoothness, higher surface strength
12-Powder water reducers	Melamine superplasticizer	SMF-10P	VT000324	Powder	Tile adhesive/Wall putty	BASF Melment® F 10	No air-entraining effect, improves the surface compactness of mortar/putty
	Polycarboxylate Superplasticizer	PCE-802P	VT000321	Powder	Self-leveling mortar	SIKA 530P	High water reduction rate,insensitive to materials
		PCE-803P	VT000318	Powder	Self-leveling mortar	ViscoCrete® -540 P/BASF 2651F	Suitable for use in cement and gypsum systems
13-Thixotropic agents	Bentonite	Thixo-319	VT000325	Powder	Wall Putty/plaster	/	Improves workability and makes it smoother
	Aluminium magnesium silicate	Thixo-519	VT000326	Powder	Wall Putty/plaster	/	
14-Suspension rheology modifier	Rheology Agent	RL-30	VT000862	Powder	Self-leveling mortar	BASF Starvis 3040F	Superior suspension properties enhance the surface strength of self-leveling mortar.
15-Lithium salt coagulants	Lithium Carbonate	CI-99P	VT000330	Powder	Self-leveling mortar	/	Reduces the setting time of self-leveling mortar without affecting strength
16-Powdered Shrinkage Reducing	Shrinkage Reducing	SR-100P	VT000329	Powder	Grouting material	Peramin SRA 10 SITREN PSP 105	Slows down the hydration reaction during the plasticizing stage of the mortar, thereby reducing shrinkage cracking

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