

Product Overview Silanes for Coatings and Metal Treatment

CORROSION PROTECTION

Product name	Description	pH	Zinc dust paints			Kind of protection		Substrates		
			1-pack solvent-borne	2-pack solvent-borne	2-pack water-borne	Corrosion protection primer	Passivation	Steel	Zinc	Aluminum
Dynasylan® HYDROSIL 1151	Aqueous aminosilane hydrolysate	10–12					●	●		
Dynasylan® HYDROSIL 2627	Reactive organofunctional siloxane oligomer in water	11					●	●		
Dynasylan® HYDROSIL 2776	Reactive organofunctional siloxane oligomer in water, aminofunctional	11					●	●		
Dynasylan® HYDROSIL 2926	Reactive organofunctional siloxane oligomer in water, alcohol-free	3					●	●		
Dynasylan® 40/ Dynasylan® SILBOND® 40	Ethyl polysilicate		●			●		●		
Dynasylan® SILBOND H-6C (**)	Clear ethyl polysilicate			●		●		●		
Dynasylan® SILBOND® HT-28A (**)	Ethyl polysilicate, low VOC hybrid binder			●		●		●		
Dynasylan® SILBOND® HT-33 (**)	Ethyl polysilicate hybrid binder			●		●		●		
Dynasylan® SIVO 110	Water-borne organo-functional oligosiloxane	4.3					●	●		●
Dynasylan® SIVO 140	Water-borne organic-inorganic binder	4–4.2			●	●		●		
Dynasylan® SIVO 160	Water-borne organic-inorganic binder and additive	4–4.6				●	●		●	●
Dynasylan® XAR (*)	Preparation of ethyl-polysilicate hydrolysate and silica sol			●		●		●		

(*) limited shelf life, available only in EMEA (**) limited shelf life, available only in the Americas

UV-CURING COATINGS

Product name	Description	Alkoxy functionality	Solvent-borne 100% UV-curing	Water-borne	Water-borne and solvent-borne
			Mono cure	Mono cure	Dual cure
				Polymer dispersion	Polyisocyanate hardeners
Dynasylan® 1189	Alkylamino silane	Methoxy	●		●
Dynasylan® GLYEO	Epoxyfunctional silane	Ethoxy	●	●	●
Dynasylan® MEMO	Methacrylfunctional silane	Methoxy	●		
VPS ACMO	Acryloxyfunctional silane	Methoxy	●		
VPS 4721	Epoxyfunctional silane resin	Methoxy	●	●	●

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SOLVENT-BORNE COATINGS

Product name	Description	Alkoxy functionality	PU		Epoxy		Alkyd	Stoving lacquers	Polyaspartic	Silicone epoxy hybrid
			2-pack PU	1-pack PU	2-pack epoxy					
			Polyol comp.	NCO comp.	Polyol with blocked NCO	EP comp.	Amine comp.	Air drying alkyd		
Dynasylan® 1122	Secondary aminosilane	Ethoxy	●	●			●		●	●
Dynasylan® 1124	Secondary aminosilane	Methoxy	●	●			●		●	
Dynasylan® 1146	Oligomeric diaminosilane system	Methoxy	●				●		●	●
Dynasylan® 1189	Alkylaminosilane	Methoxy	●	●			●			
Dynasylan® 1401	Diaminofunctional silane	Methoxy	●				●			●
Dynasylan® 1505	Diaminofunctional silane	Ethoxy	●				●			●
Dynasylan® 6490	Reactive vinyl siloxane oligomer, methoxy functional, water scavenger / synergist	Methoxy		●					●	
Dynasylan® F 8263	Fluoralkylsilane formulation	Ethoxy	●		●			●		
Dynasylan® GLYEO	Epoxyfunctional silane	Ethoxy	●	●		●	●	●		
Dynasylan® GLYMO	Epoxyfunctional silane	Methoxy	●	●	●	●	●	●		
Dynasylan® SIVO® 202	Multifunctional aminosilane system	Methoxy	●				●			
Dynasylan® SIVO® 210	Aminofunctional silane composition	Ethoxy	●				●			●
Dynasylan® SIVO® 214	Aminofunctional silane composition	Ethoxy	●				●		●	●
Dynasylan® VTMO	Vinyl / water scavenger	Methoxy		●					●	
VPS 4721	Epoxyfunctional silane resin	Methoxy	●	●	●	●	●	●		
VPS 7163	Crosslinker silane	Methoxy	●		●			●		

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WATER-BORNE COATINGS

Product name	Description	Alkoxy functionality	pH	PU		Epoxy		Acrylic	
				2-pack PU		2-pack epoxy		AC Disp.	VA
				Polymer dispersion	NCO	EP comp.	Amine comp.		
Dynasylan® 1505	Diaminofunctional silane	Ethoxy		●				●	
Dynasylan® F 8815	Aqueous silane oligomer, hydro- and oleophobic		4.0					●	●
Dynasylan® GLYEO	Epoxyfunctional silane	Ethoxy		●	●	●		●	●
Dynasylan® HYDROSIL 1153	Aqueous aminosilane hydrolysate		11.6				●		
Dynasylan® HYDROSIL 2627	Reactive organofunctional siloxane oligomer in water		11	●			●	●	
Dynasylan® HYDROSIL 2775	Reactive organofunctional siloxane oligomer in water, aminofunctional		10–11				●	●	
Dynasylan® HYDROSIL 2776	Reactive organofunctional siloxane oligomer in water, aminofunctional		11	●			●	●	
Dynasylan® HYDROSIL 2909	Amino-/alkyl functional oligomeric siloxane		4						●
Dynasylan® HYDROSIL 2926	Reactive organofunctional siloxane oligomer in water		3					●	
Dynasylan® SIVO 160	Aqueous siloxane oligomer, alcohol-free		4–4.6						
VPS 4721	Epoxyfunctional silane resin	Methoxy			●	●		●	●

● Recommended

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