



Silanes

Performance enhancement for paints and coatings

Silanes are hybrid molecules that give paints and coatings exceptional properties. They act as adhesion promoters, improve corrosion protection and create hydrophobic or oleophobic surfaces.

- Optimum adhesion - strong bond between coating and substrate
- Effective corrosion protection - protection against moisture and chemical influences
- Water and oil-repellent properties - Self-cleaning surfaces
- Increased mechanical resistance - Improved hardness and scratch resistance

Special properties of the silane type	Amino	Epoxy	Vinyl	Methacryloxy	Phenyl-2	Mercapto	Oxime	Alkyl	Alkoxy
IMPAGSIL	A110, A111, A112	O187	V171, V151	O174	P12	S174	MOS, VOS	N823	N112
Adhesion promoter	•	•	•	•		•	•		
Pigment dispersion	•								
Corrosion protection	•	•							
Improvement of mechanical properties		•	•	•					
Hydrophobic properties							•	•	
Weather-resistant, hydrophobic							•		
Highly heat resistant					•				•
Crosslinker of paint systems				•		•	•		
Chemical resistance					•				
Surface modification								•	
Flexibility and impact resistance			•	•					
Improved scratch resistance				•					

The listed combinations represent optimal recommendations. Deviating configurations are also available.