

Product Information

Organofunctional Silanes

DOW CORNING

Dow Corning[®] Z-6137 Silane

FEATURES

- Aminofunctional silane homopolymer adhesion promoter
- Additive
- Primer
- Extremely stable aqueous solution due to the chemistry of aminofunctional silanes
- Low VOC, methanol content (<1%)

Adhesion promoter

APPLICATIONS

- Aqueous solution of a homopolymer of an aminofunctional Silane, to be used as an additive or primer in water based systems to improve bonding between organic binder and inorganic substrate.
- It works well with phenolics and epoxies but may also work with polyurethanes and acrylics.

TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local Dow Corning sales office or your Global Dow Corning Connection before writing specifications on this product.

CTM*	Property	Unit	Value
	Refractive index		1.375
	Viscosity at 25°C (77°F)	mm ² /s or cSt	6.5 – 7.0
	Flash Point - closed cup	°C	>100
		°F	>212
	Active material (Equivalent to 33% unhydrolyzed Z-6020 Silane)	%	22.5
	Neutralisation equivalent		346

*CTM: Corporate Test Method, copies of CTM's are available on request.

ASTM: American Society for Testing and Materials.

HOW TO USE

As a primer dilute to 10% solids in water or IPA and apply by dipping or brushing.

Dow Corning[®] Z-6137 Silane should be added during the final thinning stage at concentration of 0.5 – 3.0wt%. If fillers, silicas or pigments are present higher levels may be needed as the silane may preferentially absorb onto these surfaces.

HANDLING PRECAUTIONS

Product safety information required for safe use is not included. Before handling, read product and safety data sheets and container labels for safe use, physical and health hazard information. The material safety data sheet is available on the Dow Corning website at www.dowcorning.com. You can also obtain a copy from your local Dow Corning sales representative or Distributor or by calling your local Dow Corning Global Connection.

USABLE LIFE AND STORAGE

When stored at or below 25°C (77°F) in the original unopened containers, this product has a usable life of 24 months from the date of production.

PACKAGING

This product is available in 25kg pails and 200kg drums.

Samples are available in 100cc.

LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

HEALTH AND ENVIRONMENTAL INFORMATION

To support Customers in their product safety needs, Dow Corning has an extensive Product Stewardship organization and a team of Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our website, www.dowcorning.com or consult your local Dow Corning representative.

LIMITED WARRANTY INFORMATION - PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that Dow Corning's products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

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