



Technical Data Sheet

DOWSIL™ Z-6137 Silane

Adhesion promoter

Features & Benefits

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

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.

Property	Unit	Result
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
Neutralization equivalent		346

How To Use

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

DOWSIL™ 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 IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE ON THE DOW WEBSITE AT WWW.CONSUMER.DOW.COM, OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.

**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 25 kg pails and 200 kg drums.

Samples are available in 100 cc.

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 has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area.

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

<http://www.consumer.dow.com>

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