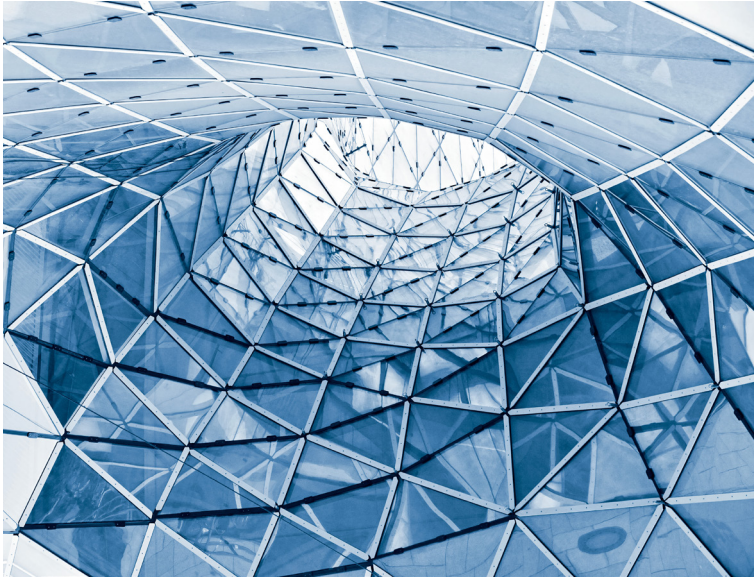


Dynasylan® 1146 – Oligomeric diamino hydrophobic silane system – multifunctional adhesion promoter



Dynasylan® 1146 can be used as

- Adhesion promoter combined with reduced water uptake, good HSE (Health, Safety and Environment) and environmental profile

Dynasylan® 1146 – At a Glance



Key Adhesives & Sealants Technology

Adhesive & Sealants based on:

- MS Polymer
- Silane modified polyurethane/polyether (SMP)
- RTV-1/RTV-2 silicones
- Butyl rubber (PIB)
- 2K PU

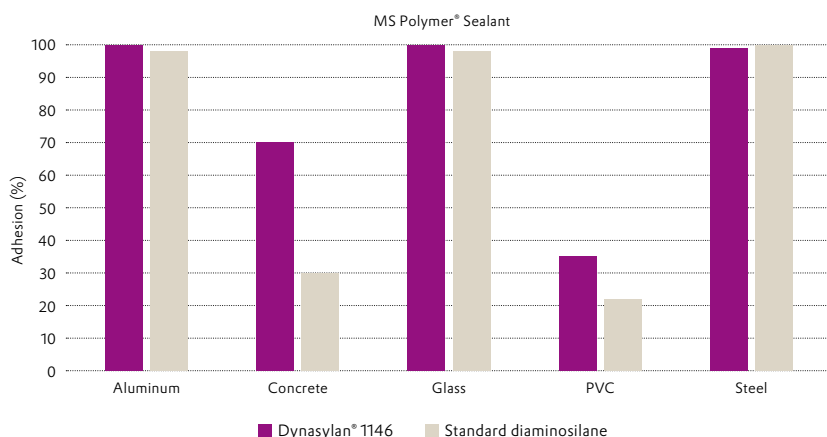


USP for Adhesives & Sealants Applications

- Improves adhesion to inorganic substrates or metals, plastic surfaces (e.g. PVC), or excellent wet adhesion to porous substrates (e.g. concrete)
- Significantly less water uptake due to alkyl functionality – best option for weather resistant adhesives and sealants
- Outstanding color stability of products as yellowing is drastically reduced
- No labelling required – even in high-concentrated formulations
- Significantly less VOC release (MeOH)
- Option: Dynasylan® 1146 accelerates cure through in "hybrid" A&S

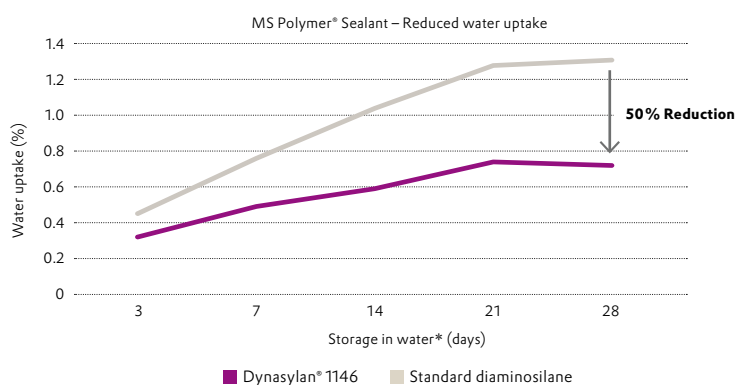
Dynasylan 1146® – Broad adhesion spectrum under difficult conditions

Dynasylan® 1146 – Enhanced adhesion performance



Adhesion performance of MS Polymer® Sealants on various substrates

Dynasylan® 1146 – Reduced water uptake



*For this test, the fully cured hybrid sealant specimen were stored in water @23 °C

Sealants formulated with Dynasylan® 1146 enable to reduce water absorption by 50%

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Evonik Operations GmbH
Smart Effects business line
Rodenbacher Chaussee 4
63457 Hanau
Germany

ask-se@evonik.com
www.evonik.com
www.evonik.com/smarteffects
evonik.click/smarteffects-
industrial-applications

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