

Dynasytan® 1146 – Aminosilane

High Performance Adhesion Promoter for Adhesives and Sealants

Suitable for systems such as:



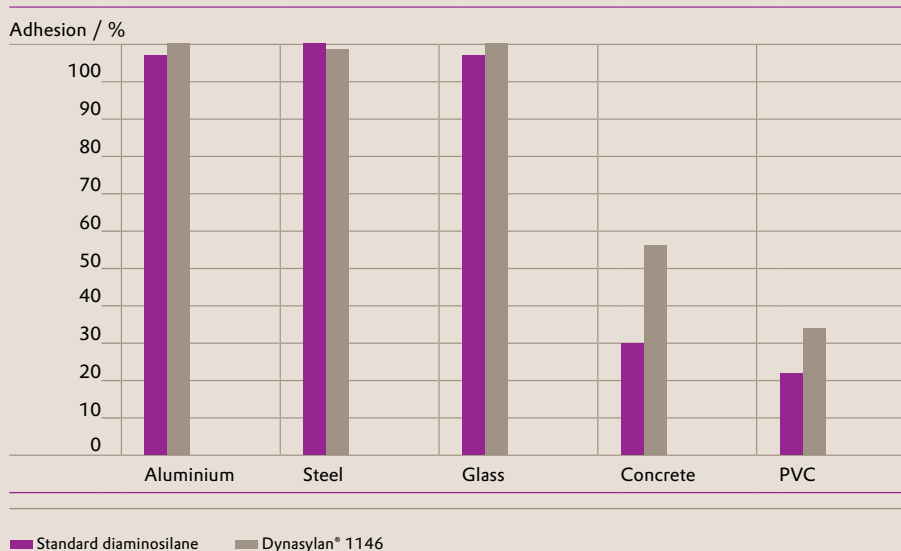
- MS Polymer®
- Silane modified polyurethane/polyether
- RTV-1/RTV-2 silicones
- Butyl rubber

The crucial BENEFITS that Dynasytan® 1146 brings to your products:

Excellent adhesion performance

With Dynasytan® 1146, an excellent adhesion performance of your adhesive/sealant on a wide variety of important construction substrates can be realized. This is partly accompanied with better wet adhesion, too.

Hybrid MS Polymer® sealant



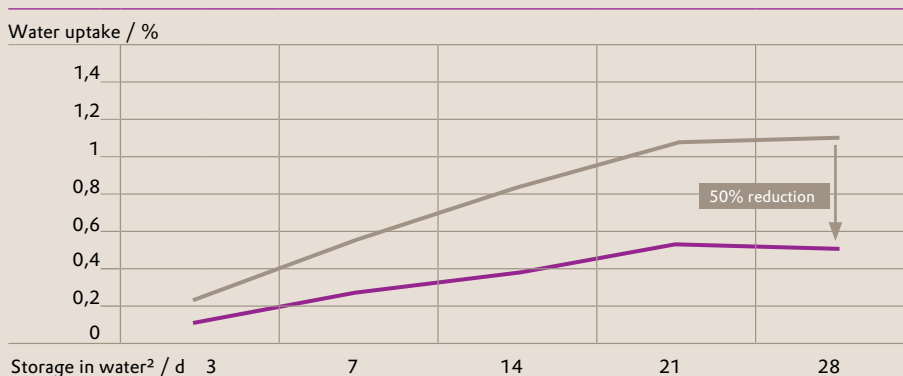
Easy application

Based on improvements in adhesion performance there is no need for the addition of a special primer anymore. This makes using adhesives or sealants that were formulated with Dynasytan® 1146 so much easier.

Reduced water uptake

Mainly sealants that contain Dynasylan® 1146 show strongly reduced water absorption. Thus the sensitive interface between your adhesive or sealant with the substrate is protected against water attack or penetration.

Reduced water uptake



■ Standard diaminosilane ■ Dynasylan® 1146

² For this test, the fully cured hybrid sealant specimen were stored in water @ 23°C.

Higher efficiency and reduced VOC

Compared to other commonly used diaminosilanes, less Dynasylan® 1146 is consumed during the manufacturing process due to its reduced volatility. Moreover, Dynasylan® 1146 produces approx. 30 % less VOC leading to less odor and improved product safety. Both are good news for hygiene and for costs.

Non-sensitizing – no special allergenic health labelling required

Health and environmental regulations are becoming more and more stringent. In a study it has been confirmed, that the multifunctional silane Dynasylan® 1146 is not skin-sensitizing. Thus no special allergenic health labelling is required on the adhesive or sealant cartridge, drum, or sausage.

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