

Product description

Solvent-free, potassium silicate solution optimised with a hydrophobic component for use in aqueous systems such as renders (putz), textured masonry coatings and interior paints. It has a different stabilisation system compared to SilStab™ DC3.

Typical chemical and physical properties

Chemical nature	Stabilised potassium silicate solution with a hydrophobic component in water.	
Appearance	Clear liquid	
Active content	~23,5%	
Odour	odourless	
Density at 25°C	1,15 - 1,50	g/ml
pH 1% in water at 25°C	9,5 - 11,4	
pH at 25°C pure	12 - 14	
Viscosity at 25°C	<50	mPa.s

This information is intended as a guideline only. For specifications please consult the Certificate of Analysis.

Application and treat level

Markets	Coating industry Plaster industry
Applications	Renders (putz) Textured masonry coatings Interior (wall) paints
Recommended dosage/usage	- Textured Masonry Coatings 0,5 – 10% wt based on total solids - Renders (Putz) 0,5 – 10% wt based on total solids - Interior Paint 2 – 8% wt based on total solids

Key benefits

- Inherently biodegradable -- Preservative free -

- Highly stabilised and can be added to Render (Putz) and Coating formulations without coagulation problems; no additional stabilising additives are required.
- Optimized with a hydrophobic component and improves scrub resistance in Interior paints.
- Does not cause strong viscosity increase even after prolonged storage.
- Greatly increases surface hydrophobicity.
- Highly stabilised, no additional stabilising additives required.
- Silicifies surfaces – high durability.
- High water vapour permeability.
- Low dirt pick-up.
- Hard and scratch-resistant surfaces.
- Affinity with mineral surfaces.
- Penetration in porous substrates.
- (High) water resistance.
- Non-flammable.
- Non-yellowing/UV resistant.
- Good compatibility with (styrene-)acrylic- or VA/VeoVa dispersions.
- Non-foaming.

Safety and Handling	Please read Safety Data Sheet (SDS) before handling.
Product Specification	This information is available on request through our local representative.
Packaging	This information is available on request through our local representative.
Storage	The product should be stored at a temperature of no less than 10 °C and no more than 25 °C and away from light. For more safety details read the Safety Data Sheet (SDS)

Quality Policy	<p>The objective of our quality policy is the continuous fulfillment of the internal and external requirements agreed upon with our partners with regards to everybody's performance.</p> <p>The Quality System of ADDAPT® Chemicals BV is based on the principles of the NEN - EN - ISO - Standard 9001:2015.</p>
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Liabilities	<p><i>All recommendations for the use of our products, whether given by us in writing, orally, or to be implied from the results of tests carried out by us, are based on the current state of our knowledge. Notwithstanding any such recommendations, buyer or user remains responsible for satisfying himself that the products as supplied by us are suitable for his intended process or purpose. Since we cannot control the application, use or processing of the products, we cannot accept responsibility thereof. Buyer has to ensure that the intended use of the products will not infringe any third party's intellectual property rights. We warrant that our products are free from defects in accordance with, and subject to, our general conditions of sale and supply.</i></p>
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