

Sylitol-Konzentrat 111

Primer and thinner (concentrate) for exterior and interior use.



Product Description

Field of Application	Suitable for consolidating mineral substrates and equalising the absorbency of highly or unevenly absorbent substrates. Also suitable for thinning Sylitol façade paints, renders/plasters or interior paints and Capatect-SI-Fassadenfinish (Façade Finish). Not suitable for pure silicate paints. Please use Sylitol-NQG Konzentrat (Concentrate) for Sylitol-NQG.
Material Properties	<ul style="list-style-type: none"> ■ Water-thinnable ■ Good penetration to the substrate ■ In concentrated form ■ Solvent-free
Material Base / Vehicle	Potassium silicate (water glass) with organic stabilizers according to DIN 18 363, paragraph 2.4.1
Packaging/Package Size	2.5 litres and 10 litres
Colours	Transparent
Storage	Keep in a cool, but frost-free place. Keep used containers tightly closed. Store only in plastic containers. Shelf life: Approx. 12 months.
Technical Data	<ul style="list-style-type: none"> ■ Density: Approx. 1.1 g/cm³

Application

Suitable Substrates	The substrate must be sound/stable, dry, clean, and free from all materials that may prevent good adhesion. In Germany: Follow VOB, part C, DIN 18 363, paragraph 3.
Substrate Preparation	Substrate preparation depends on the existing substrate and its condition. This is described for the relevant Sylitol materials or Capatect-SI-Finish. Please follow the corresponding current Technical Information.
Method of Application	<p>When used as thinner, follow the details/Technical Information of the Sylitol product or Capatect-SI-Finish to be thinned. As a primer or drying out block (anti-porosity treatment, equalising the absorbency of substrates to avoid prematurely drying), use 2 parts by vol. of Sylitol-Konzentrat (Concentrate) 111 diluted with 1 part by vol. of tap (potable) water up to full saturation of the substrate, applied wet-on-wet if necessary and well worked in with a surface brush or whitewash brush.</p> <p>Covering Measures: Carefully cover the surrounding area, e.g. painting/varnishing, clinkers, natural stone, metals, uncoated or glazed wood. Wash off splashes immediately with plenty of water. Protect scaffoldings with tarpaulins in case of strong wind.</p>



Consumption	Approx. 100 – 350 ml/m ² (diluted in a 2:1 ratio with water) depending on the absorbency and texture of the substrate. The exact rate of consumption is best established by a trial coating.
Application Conditions	Lower Temperature Limit for Application and Drying: +8 °C for material, ambient air and substrate.
Drying/Drying Time	At +20 °C and 65% relative humidity recoatable after approx. 12 hours. Lower temperatures and higher humidity extend the drying time.
Tool Cleaning	Clean tools immediately after use with water. Use rinsing agent (washing-up liquid), if necessary. Keep tools in the material or under water during breaks.
Note	Do not apply under direct sunlight, on sun-heated surfaces, in rain, extremely high relative humidity (damp mist/fog), strong wind, imminent rain or night frost. Use scaffolding nets, if necessary. Do not apply on enamels, substrates with salty efflorescence, synthetic materials (plastics) and wood. Do not apply on horizontal surfaces exposed to rain or moisture. An efficient water drain must be present for areas with a low down-grade. Compatibility with other Paint Materials: Only compatible with dispersion/emulsion-silicate materials. Do not mix Sylitol-Konzentrat (Concentrate) 111 with other materials.

Advice

Please Note (Status as at Date of Publication)	Keep out of the reach of children. Protect eyes and skin from paint splashes. In case of contact with eyes or skin, rinse immediately with plenty of water. In case of spray application: Do not breathe spray dust. Do not empty into drains, water courses and onto the ground.
Disposal	Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local authorities. Particular attention should be made to re-moving wastage from site in compliance with standard construction site procedures. In Germany: Only completely emptied containers should be given for recycling. Dispose containers with residues of liquid material as remnants of water-based paints and dried material as hardened paints waste or via domestic waste.
EU limit value for the VOC content	of this product (category A/a): max. 30 g/l (2010). This product contains max. < 1 g/l VOC.
Product Code Paints and Enamels	M-SK01
Substances of Content - Declaration	Potassium silicate, acrylic resin dispersion/emulsion, water, additives
Further Details	See Safety Data Sheet (MSDS).
Technical Assistance	As it is impossible to list herein the wide variety of substrates and their specific problems, please request our technical assistance in case of queries. We will describe appropriate working methods, if a substrate not specified above is to be coated.
Customer Service Centre	Tel.: (+49) 0 61 54 / 71 17 10 Fax: (+49) 0 61 54 / 71 17 11 e-mail: kundenservicecenter@caparol.de International Distribution: Please see www.caparol.com

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All suggestions and application instructions herein are based on our latest technical experience. Due to the wide variety of individual project conditions, we cannot be held responsible for their content. These instructions do not release the purchaser/ applicator from his responsibility to determine the suitability of the product in consideration of the project characteristics. These instructions are to be considered void when a new edition is released. Our general conditions of sale and delivery in their latest edition apply. This document is a translation of our German Technical Information No. 191 · Sylitol-Konzentrat 111 · Issued: November 2010

DAW International Business: **Deutsche Amphibolin-Werke von Robert Murjahn Stiftung & Co KG** · P.O.B. 1264 · D-64369 Ober-Ramstadt · Tel. +49 6154 71-1274
Fax +49 6154 71-1264 · E-mail export@daw.de · Internet www.caparol.com