

# Sylitol® NQG Konzentrat

Primer and thinner for facade paint Sylitol® NQG



## Product Description

Field of Application

Sylitol® NQG Konzentrat (Concentrate) is used for thinning/diluting Sylitol® NQG (facade paint). Also used as primer to strengthen mineral substrates and to equalize/level the absorbency of highly or unevenly absorbent mineral substrates, before applying paint coatings of Sylitol® NQG. Do not use for conventional emulsion-silicate paints or pure silicate paints.

Material Properties

- High solidifying/strengthening effect.
- Good surface penetration.
- Highly permeable to water vapour and CO<sub>2</sub>
- Emission-minimised and solvent-free.

Material Base / Vehicle

Special alkali silicate (water/soluble glass) with organic additives.

Packaging/Package Size

2.5 litres, 10 litres

Storage

Keep in a cool, but frost-free place.  
Keep partially used cans tightly closed. Only store in plastic cans/containers.  
Minimum shelf life of the original, tightly closed can: 12 months.

Technical Data

- Density: Approx. 1.1 g/cm<sup>3</sup>

Suitability according to  
Technical Information No. 606  
Definition of Application Areas

Interior 1	Interior 2	Interior 3	Exterior 1	Exterior 2
○	+	+	+	+

(-) inapplicable / (○) of limited suitability / (+) suitable

## Application

Suitable Substrates

The substrate must be solid, sound/stable, dry, clean, and free from all substances that may prevent good adhesion. In Germany: Follow VOB, part C, DIN 18 363, section 3.

Substrate Preparation

Substrate preparation depends on substrate requirements (type and condition). Please follow Technical Information No. 1274, Sylitol® NQG.

Method of Application

When the concentrate is used for thinning (dilution), please refer to Technical Information No. 1274, Sylitol® NQG.  
When used as a primer or for anti-porosity treatment (equalising the absorbency of substrates to avoid prematurely drying), dilute 2 parts by volume of Sylitol® NQG Konzentrat/Concentrate with 1 part by volume of tap (potable) water. Apply the primer thoroughly to the saturation point, if necessary wet-on-wet, using paint brush or whitewash brush.



	<p><b>Covering Measures:</b> The areas adjoining the surface to be coated should be carefully masked, in particular painting/ varnishing, clinkers, natural stone, metals, uncoated or glazed/stained wood. Wash off paint splatters immediately with plenty of tap water. Protective tarpaulins must be attached to scaffoldings as protective measure against strong wind, if necessary (to prevent prematurely drying).</p>
Thinning	Dilute Syllitol® NQG Konzentrat/Concentrate 2:1 to 1:1 with tap (potable) water, depending on substrate absorbency.
Consumption	Approx. 100 - 200 ml/m <sup>2</sup> depending on substrate absorbency. Determine the exact amount of material required by coating a test area on site.
Application Conditions	<p><b>Lower Temperature Limit for Application:</b> +8 °C for product, ambient air and substrate.</p>
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/equipment immediately after use with water. Use rinsing agent (washing-up liquid), if necessary. During breaks keep tools dipped in the primer/paint or in water.
Note	<p>Do not apply in direct sunlight or on sun-heated surfaces, during extremely high relative humidity (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.</p> <p><b>Compatibility with other Paint Products:</b> Only compatible with facade paint Syllitol® NQG. Do not mix with other materials.</p>

## Advice

Please Note (Status as at Date of Publication)	<p>Keep out of reach from children. Ensure good ventilation during use and drying. Do not eat, drink or smoke while using the product. In case of contact with eyes or skin, immediately and thoroughly rinse with water. Do not allow product to enter drains, waterways or soil. Clean utensils immediately after use with soap and water. Due to its potassium silicate content, the reaction of silicate based coatings is highly alkaline. Hence protect skin and eyes from paint. The areas adjoining the surface to be coated must be carefully masked, in particular glass, ceramics, enamel/varnish coating, clinkers, natural stones, wood and metals. Wash splashes immediately and completely with plenty of clean water. Further information: See Material Safety Data Sheet (MSDS).</p>
Disposal	<p>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 removing wastage from site in compliance with standard construction site procedures. In Germany: Only completely empty containers should be handed in for recycling. Dispose containers with residues of liquid product via waste collection point accepting old paints and enamels. Dispose dried/hardened product residues as construction site/demolition/municipal or domestic waste.</p>
EU limit value for the VOC content	of this product (category A/a): max. 30 g/l (2010). This product contains max. 10 g/l VOC.
Product Code Paints and Enamels	M-SK01 (Germany)
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	<p>Tel.: (+49) 0 61 54 / 71 17 10 Fax: (+49) 0 61 54 / 71 17 11 E-Mail: kundenservicecenter@caparol.de</p> <p>International Distribution: Please see <a href="http://www.caparol.com">www.caparol.com</a></p>

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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. 1275 · Syllitol® NQG Konzentrat · Issued: August 2015