

NITOSEAL SC S July 2014

Neutral curing silicone (Nitoseal SC O)



THE PRODUCT

Nitoseal SC S is a one component neutral silicone sealant which cures due to a reaction with the humidity of the air. It cures to a soft elastic sealant, which can take relatively large movements. *Nitoseal SC S* has content of fungicides that prevent fungus in the sealant.

TECNICAL DATA

Packing:	Cartridges of 0,3 L x 12 per box
Colour:	Transparent
Hardness:	About 34 Shore A
Storage time:	18 month in unopened packing. It should be stored dry and cool and below 30°C.
Temperature:	Can be applied at +5°C to +40°C. After curing <i>Nitoseal SC O</i> can take temperatures between -40°C and +100°C
Curing time:	Skins in 5 - 10 minutes and is cured in 2 - 4 day depending on humidity and temperature
Movement:	20 %
Movement to brake:	400% (ISO 8339)
E-modul:	0,32 N/mm ²
Joint-dimension:	Joint width shall be minimum 2 mm and maximum 10 mm. Joint depth is normally 50 % of the width but minimum 2 mm and maximum 10 mm

Chemical resistant:	Withstands UV-light and diluted acids and most of the different cleaning agents.
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Gravity weight:	1,01 kg/l (DIN 52541 PY)
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AREAS OF USE

Nitoseal SC S is specially formulated for joints in wet areas. It will work inside and outside in all kinds of buildings. *Nitoseal SC S* is specially meant for joints on glass and metal, gluing mirrors on the wall and other sanitary installations. *Nitoseal SC S* is normally used without a primer on most surfaces.

INSTRUCTIONS

Preparations

The joint sides shall be sound, clean, dry, free from ice, grease, dust and lose particles. Metal and plastic has to be degreased. As a joint filler expanded polyethylene in the correct dimension is used to establish the correct joint depth. Porous materials shall be primed with Primer SI if the joint is under constant vibrations. Metal should be given a thin coat with Primer SI. If the joint sides is painted an adhesion test should be done.

Not suitable used on marble, stone, asphalt and tar.

Softeners that contain EPDM, Neoprene, butyl etc. can be discoloured and cause reduced adhesion.

Nitoseal SC S is not suitable to be used submerged in swimming pools, potable water, aquariums etc. Do not use on areas that will come in direct contact with food.

**Application**

Cut of the tip of the cartridge with a sharp knife.
Cut an angled cut of the nozzle to fit the joint.
Nitoseal SC S is applied with a hand or an air driven sealant applicator.

Tooling

The sealant is smoothed with a wet piece of wood. Be sure that the sealant is in full contact on both sides of the joint walls. No paint will stick to *Nitoseal SC S*.

Cleaning

Tools with uncured sealant can be cleaned with *Seco Rensevæske*. Cured sealant can only be removed mechanically. Hands and skin should be washed with water and soap.

HEALTH AND SAFETY

Store without reach for children.

For further notice see the Health and Safety Datasheet for *Nitoseal SC S*.

All data and recommendations in this datasheet are based on tests and experience. As the users working conditions is out of our control, we cannot take the responsibility of the results the user achieves with the products.