

# SILICOLOR

**One-component silicone sealant with acetic cross-linking.  
Resistant to mould.**



## DESCRIPTION

Silicolor is a one-component acetoxy silicone sealant. It cures at room temperature under the action of atmospheric moisture to create a coloured silicone elastomer permanently flexible.

**Certified and tested according to:**

EN 15651 - 1: Type F - EXT - INT - CC  
EN 15651 - 2: Type G - CC  
EN 15651 - 3: Type S  
EMICODE EC 1 PLUS

## AREAS OF APPLICATION

Coloured sealing of glass, profiles, mosaics, joints between tiles and bathroom accessories, perimeter joints on floor and wall, finishing of window and door elements in covered materials and aluminium. Also ideal for bathroom furniture.

## FEATURES

- 100% silicone, solvent-free
- Fast curing and skin formation
- Excellent adhesion to glass and glazed surfaces, plastics and coatings
- Resistant to mould and bacteria
- Specific for high humidity areas
- Non-sagging
- Excellent weathering, UV and ageing resistance
- Easy extrusion at low (+5°C) and high (+40°C) temperatures
- Flexible at low (-40°C) and high (+100°C) temperatures

## TECHNICAL DATA

<b>Appearance</b>	Thixotropic paste, non-sagging
<b>Colour</b>	Various (as per catalog reference)
<b>Chemical nature</b>	Acetoxy curing silicone
<b>polymerization</b>	Moisture curing
<b>Curing through [mm]</b> (NPT Metodo 07) (24h - 23°C and 50% UR)	Ca. 3.0
<b>Shore A</b> (ISO 868)	Ca. 22
<b>Specific gravity [g/cm<sup>3</sup>]</b> (NPT Metodo 06) (23°C and 50% UR)	Ca. 0.99
<b>Skin time [min]</b> (NPT Metodo 17) (23°C and 50% UR)	Ca. 15
<b>Elastic modulus at 100% [N/mm<sup>2</sup>]</b> (ISO 8339)	Ca. 0.4
<b>Tensile strength [N/mm<sup>2</sup>]</b> (ISO 8339)	Ca. 0.7
<b>Tear strength [N/mm<sup>2</sup>]</b> (ISO 34)	Ca. 4.5
<b>Elongation at break [%]</b> (ISO 8339)	Ca. 250
<b>Joint movement capability [%]</b> (ASTM C920)	± 25 with respect to the width of the joint
<b>Application Temperature [°C]</b>	From +5 to +40
<b>Temperature resistance [°C]</b>	From -40 to +150 in the short term up to +120

## APPLICATION

For maximum adhesion performance, the surfaces concerned must be dry and clean. clean; in particular, degreasing solvents can be used to remove grease or oil. Acetic silicone adheres to most surfaces (anodised aluminium, glass, ceramics, polyester). In the presence of If there are adhesion problems on particular surfaces, it is advisable to consult the manufacturer for the choice of a specific primer. specific primer. The product is not over-paintable. Remove the upper threaded part from the plastic nozzle plastic nozzle, screw on the nozzle and cut it at an angle to the desired bead thickness and profile. Insert the cartridge into a manual or pneumatic gun (preferably one with a telescopic piston) and extrude the sealant carefully without trapping air. Once opened, the cartridges must be used within a relatively short time. The optimum operating temperature for both the substrate and the sealant is between 15°C and 25°C. Smoothing and finishing must be carried out within the open time (skin formation time) of the sealant. Since the system is hydro-hardening,

allow sufficient exposure to air. Elements glued elements may require additional sealing or support during the curing period. Silicolor must not be used for assembly of insulating glass and is not recommended for insulating or structural glazing, for sealing aquariums or for long-term use under water. Not suitable for applications with food contact, in which case use S-Sil Food, ANSI 51 certified.

## **CLEANING OF EQUIPMENT AND PERSONAL PROTECTIVE MEASURES**

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Clean the tools used with white spirit. Once hardened, the product can be removed mechanically. Avoid contact with the skin by using latex, rubber or polyethylene gloves. If it comes into contact with the skin, remove immediately and wash with soap and water.

## **PACKAGING**

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Polyethylene cartridges 280ml - 6 pieces per box

## **STORAGE AND SHELF LIFE**

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Silicolor can be stored for 24 months in the original packaging. Storage temperature between 10°C and 25°C in a cool, dry place. Keep away from sources of moisture, heat and direct sunlight. direct contact with sunlight.

## **GENERAL INFORMATION**

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The information contained in this data sheet represents the best of our knowledge. However, this document cannot be regarded as a guarantee that the product will be used and applied in accordance with the instructions provided. Successful application is beyond our control and depends on many factors. We accept no responsibility for the misuse of the product, the recommendations in this document should be considered general guidelines. If any doubts remain, please carry out preliminary tests. NPT Srl, reserves the right to modify and update the data sheet without prior notice. Customers are kindly requested to check that they have the latest version.

**ALWAYS CONSULT THE SAFETY DATA SHEET BEFORE USING THE PRODUCT**