

TECHNICAL SHEET 28.02.04-EN



SIGILL Silicone No Mould 770

Extreme mould protection sealant

1. Description, Application

SIGILL Silicone No Mould 770 cures at room temperature under the action of atmospheric moisture to provide a permanently flexible elastomer containing a specific fungicide for maximum protection in high humidity environments.

2. Certificates

Tested and certified, it guarantees protection even over 10 years of simulated aging (Tested and approved by the CSI in Milan, Certificate No. 0985 / FPM / MATs / 07).

Certified and tested according to:
 ASTM G21-96 (2002) – Resistance to fungi and molds
 EN 15651 – 3: Type S
 EMICODE EC1PLUS

3. Technical data

Packaging	280 ml
Color	Transparent, White
Appearance	Tixotropic paste - non sagging
Chemical nature	Acetoxy curing silicone
Curing mechanism	Moisture curing

Curing trough volume [mm/24h] (NPT method 07) (23°C and 50% RH)	> 3 mm
Density (NPT method 06) (23°C and 50% RH)	~ 0.98 g/cm ³
Hardness shore A (ISO 868)	~ 15
Skin forming time (NPT method 17) (23°C and 50% RH)	~ 15
Elastic modulus (ISO 8339)	0.4 N/mm ²
Tensile strength (ISO 8339)	~ 0,7
Elongation at break (ISO 8339)	~ 300
Application temperature	from +5° to +40°C
Temperature resistance	from -40°C to +100°C

4. Installation Conditions

The temperature of the air and the wall base should be from +5 °C to +40 °C, and the relative air humidity should not be higher than 80%. The optimum working temperature for both the substrate and the sealant is between +15° C and +25°C.

5. Areas of Application

Particularly suitable for the hygienic-sanitary sector: sealing of shower trays, washbasins, bathtubs, sinks and ceramic coverings, kitchens and in general in areas characterized by high humidity where maximum hygienic protection is required.

Ideal for internal sealing of doors and windows subject to high levels of condensation.

6. Features

- Solvent-free
- Rapid skin formation and reticulation.
- Excellent adhesion to glass, aluminum, ceramics, tiles, vitrified surfaces in general
- Specific for sanitary areas
- Outstanding mold resistance (10 years)
- Excellent resistance to bad weather, UV and aging
- Easy extrusion at low (+ 5 ° C) and high (+ 40 ° C) temperatures
- Flexible at low (-40 ° C) and high (+ 100 ° C) temperatures

7. Instruction for Use

To obtain maximum performance in terms of adhesion, the surfaces concerned must be dry and clean; in particular, degreasing solvents can be used to remove grease. The acetic silicone adheres to most surfaces (anodized aluminum, glass, ceramic, polyester). In the presence of adhesion problems on particular surfaces, it is advisable to consult the manufacturer for the choice of a specific Primer.

THE PRODUCT IS NOT OVER-PAINTABLE.

Remove the top part of the threaded top screw on the plastic nozzle and cut it at an angle according to the desired bead thickness and profile. Fit the cartridge into a manual or pneumatic air operated gun (provided with telescopic piston) and extrude the sealant carefully preventing air entrapment.

Once opened, packs should be used up within a relatively short time.

Tooling and finishing must be carried out within the tack-free time of the sealant. Since system is moisture-cured, permit sufficient exposure to air. Bonded elements may require additional holding or support during curing period. SIGILL Silicone No Mould 770 must not be used for insulating glass applications and not recommended for structural glazing applications, for sealing of aquaria or for longer-term use under water. Not suitable for food processing application.

8. Cleaning of Equipment and Personal Protective Measures

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

9. Storage, Transportation Conditions and Shelf Life

SIGILL Silicone No Mould 770 can be stored for 24 months in its original packaging (unopened container) between 10°C and 25°C in a cool, dry place. The storage temperature should not exceed 25°C for extended periods of time. Keep away from wet areas, direct sunlight and heat sources.

10. Other Information

Technical instructions are given based on our experiences and are given as a guideline for achieving optimal results. We cannot take any responsibility for the damage, caused by incorrect selection of a product, incorrect use or unprofessional work. JUB also bears no responsibility in cases where the substrate for the application of our products is prepared inadequately or with materials of inadequate quality from other manufacturers. In the case of applying our products to existing substrates of old coatings or pre-prepared substrates with materials from other manufacturers, it is obligatory to make appropriate test fields with all the intended applications of JUB products, in accordance with the technical instructions, before starting the work.

Safety measures: Follow the instructions on the safety data sheet of the product.

This technical sheet supplements and replaces all preceding editions. We reserve the right to change and supplement data in the future.

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