

## TECHNICAL SHEET 28.02.01-EN



# SIGILL Silicone Universal 720

## Kitchen & bathroom sealant

### 1. Description, Application

SIGILL Silicone Universal 720 is one-component acetoxy silicone sealant for general purpose. Cures at room temperature under the action of atmospheric moisture to provide a permanently flexible silicone elastomer with high chemical and aging resistance.

### 2. Certificates

Certified and tested according to:  
 EN 15651 - 1: Type F - EXT - INT  
 EN 15651 - 3: Type S  
 Microbial testing (ISO 846) for plastics  
 EMICODE EC1

### 3. Technical data

<b>Packaging</b>	280 ml
<b>Color</b>	Transparent
<b>Appearance</b>	Thixotropic paste
<b>Chemical nature</b>	Acetoxy silicone
<b>Curing trough volume [mm/24h]</b> (NPT method 07) (23°C and 50% RH)	2 mm

<b>Density</b> (NPT method 06) (23°C and 50% RH)	~ 0.99 g/cm <sup>3</sup>
<b>Hardness shore A</b> (DIN 53505)	~ 18
<b>Skin forming time</b> (23°C, 50% R.H.)	< 20 min
<b>Elastic modulus</b> (ISO 8339)	0.36 N/mm <sup>2</sup>
<b>Tensile strength</b> (joint ISO 8339)	~ 0,6
<b>Elongation at break</b> (ISO 34 DIN 53504)	~ 200
<b>Tear strenght</b> (ISO 34 method C)	~ 4,0
<b>Joint movement capability</b> (ASTM C920)	+/- 12,5 %
<b>Application temperature</b>	from +5° to +40°C
<b>Temperature resistance</b>	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

Applications in construction in areas with high humidity, such as bathroom fixtures. Suitable for elastic joints between glass, metals, ceramics. Not suitable for a porous surface. Resist mould, bacteria and substances used for cleaning and hygiene.

#### 6. Features

- Rapid crosslinking, short skin time
- Adheres excellently to glass and glazed surfaces, some plastics and coatings.
- Suitable for high humidity areas
- Resistant to mould and bacteria
- Non-sagging
- Excellent weathering, ageing and UV resistance
- Easy extrusion at low (+5°C) and high (+40°C) temperatures
- Flexible at low (-40°C) and high temperatures (+100°C)

#### 7. Instruction for Use

To obtain maximum adhesion performance, the surfaces involved must be dry and clean; in particular, to remove grease use degreasing solvents. Acetic silicone adheres to most surfaces (anodized aluminum, glass, ceramic, polyester). The product cannot be over-painted. Remove the threaded top part from the plastic nozzle, screw on the nozzle and cut it at an angle based on the desired thickness and bead profile. Insert the cartridge into a manual or pneumatic gun (preferably with a telescopic piston) and extrude the sealant carefully, avoiding trapping air.

Once opened, the packages must be used within a relatively short time. Smoothing and finishing must be carried out within the open time (skin formation time) of the sealant. As the system is moisture-curing, allow sufficient air exposure. Bonded elements may require additional sealing or support during the curing period.

SIGILL Silicone Universal 720 should not be used for insulating glass assembly and is not recommended for insulating or structural glass applications, for sealing aquariums or for long-term use under water. Not suitable for food contact applications.

## 8. Cleaning of Equipment and Personal Protective Measures

Clean used tools with white spirit. When the adhesive has not yet hardened, it can be removed using paper or a cloth. 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 and wash with soap and water.

## 9. Storage, Transportation Conditions and Shelf Life

SIGILL Silicone Universal 720 can be stored for 24 months in its original packaging (unopened container) between 10°C and 25°C in a cool, dry place. 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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