

PATRIOTIS Acetic Silicone 280 ml white

Acetic curing, silicone rubber based sealant with a fungicide anti-mildew agent.

BENEFITS

- One component, room temperature vulcanising (RVT), easy application system.
- Cures in contact with air humidity, and turns into a rubber with outstanding mechanical properties and excellent weatherability, to aggressive industrial and marine atmospheres.

RECOMMENDED USES

- Sealing joints between glass and frameworks and joints between frameworks.
- DIY (cars, boat, caravanes, etc...)

NORMS / ATESTS / CERTIFICATES

Mark CE

- EN 15651-2 G-CC / EN15651-3 S

Additional information

- "A + Certificate". Product with very low emissions. Determination of Volatile Organic Compounds according to ISO 16000.

TECHNICAL DATA

| Appearance | Value |
|-------------------------------------|-------|
| Homogeneous creamy paste | + |
| Uncured | Value |
| Slump resistance (ISO 7390) [mm] | 0 |
| Tack free (ASTM C-679-71) [min] | 15-20 |
| Skin over time (BS 5889 Ap.A) [min] | 25-35 |

| | |
|--|--------------|
| Curing rate (23°C and 55% h.r.) [mm/24h] | 2-3 |
| Application temperature [°C] | 5 - 50 |
| Cured, (4 weeks at 23°C and 55% H.R.) | Value |
| Similar to rubber | + |
| Shore A hardness (ISO 868) | 13 |
| Elastic recovery (ISO 7389) [%] | 90 |
| Modulus 100% (ISO 37) [MPa] | 0.35 |
| Tensile strength at break, ISO 37 [MPa] | 1.2 |
| Elongation at break (ISO 37) [%] | 400 |
| Temperature resistance [°C] | -50 - +150 |
| Chemical resistance | Value |
| Water, soapy water, brine | +++ |
| Inorganic diluted acids and alkalis | ++ |
| Mineral oils and grease | ++ |
| Oil, fuel, hydrocarbons | + |
| Other products: consult | * |

METHOD OF USE

Prior to application, read safety instruction presented in MSDS.

Surface preparation

- The surfaces must be clean and dry. If necessary, in addition to mechanical means, cleaning with non-grease solvent such as acetone is recommended. For joints that are to be subjected to major stress, we suggest the use of a primer, appropriate for each type of substrate:
- PRIMER C-27: For porous materials and general construction use. (See technical data).

Product preparation

- Cut off cap from adapter nipple.
- Screw the nozzle on the cartridge.
- Clip the tip of the nozzle to required opening.
- Insert it into applicator gun.

Application

- Fill in the appropriately treated joint with product.
- For a better finish, protect the edges of the joint with adhesive tape and smooth with a spatula, removing the tape before the sealant forms skin.

Works after completion of application

- Fresh product is easily removed with an organic solvent. When cured it can be removed by mechanical mean only.

Remarks / restriction

- The product may not be painted or varnished.
- With glass and enamels better results are obtained without primer.
- The following formula is an approximate guideline to calculate foreseen yield:
- Yield: $L = V / (A \times D)$, where, L = Length of sealant in metres obtained per container. V = Volume of the container. A = Width of the joint in mm. D = Depth of the joint in mm.
- Any material not known by the user, from the point of view of adherence, must be previously tested or consult our Technical Department.

ADDITIONAL INFORMATION

Chemical Resistances: +++ Excellent / ++ Very Good / + Good / -- Very bad / - Bad / * Consult.

Due to its acid reticulation, product must not be applied on the following substrates:

- Construction materials such as concrete, masonry, marble and similar.
- Rubber, since there may be a danger of discolouration.

For these cases, a wide range of non-acid sealers is available.

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TRANSPORT / STORAGE

Keep in a cool, dry place.

Store in its original closed package.

Shelf life: 18 months.

SAFETY AND HEALTH PRECAUTIONS

While curing product splits off acetic acid, therefore, the working area should be well ventilated.

Due to possible irritation, all contact of the product with eyes or mucous areas must be avoided. If contact occur, rinse the affected area thoroughly with plenty of water and, if necessary, see a doctor.

Primers used contain solvents flammable at air temperature. Do not smoke or use unprotected flame near the working area. If eyes are splashed, rinse thoroughly with plenty of water, otherwise, see a doctor.

Use gloves. In case of splashing, wash with industrial detergent when the product is still fresh.

DO NOT WASH HANDS WITH SOLVENTS.

For more information request Safety Data Sheet.