



Product description

One-component, acid-curing, general purpose silicone sealant for DIY and sanitary applications.

MASTERS 100 cures at room temperature under the action of atmospheric moisture to give a permanently flexible silicone rubber.

Special features

- suitable for sanitary applications - mold resistant
- easy to apply
- UV resistant
- non-sag
- flexible at low (-40°C) and high temperatures (+100°C)
- rapid cross linking: short tack-free time
- excellent adhesion to glass, vitrified surfaces, ceramic tiles, many plastics and paints

Application

- to seal doors and windows
- building joints
- various household repairs
- many household sealings
- DIY applications (car, boat, caravan, house), in particular in areas with high humidity

Processing

The substrate areas that will be in contact with the sealant must be clean, dry and free of all loose material such as dust, dirt, rust, oil and other contaminants. Non-porous substrates should be cleaned with a solvent and a clean, lint-free, cotton cloth. Remove residual solvent before it evaporates with a fresh clean, dry cloth.

MASTERS 100 has excellent primerless adhesion to various material used for sanitary application, e.g. glass, tiles, ceramics, enamel, glazed tiles and clinker.

Users must carry out their own tests due to the great variety of substances. The adhesion can be improved in many cases by pretreatment of the substrates with a primer.

Restrictions on use

MASTERS 100 must not be used for insulating glass applications or for

structural glazing bonding.

MASTERS 100 should not be used in contact with metals such as lead, copper, brass or zinc as it provokes acid corrosion.

MASTERS 100 is not compatible with alkaline substrates such as marble, concrete, fibrous cement and mortar, as the product releases acetic acid during vulcanization.

MASTERS 100 is not recommended for use on natural stones, such as marble, granite, quartzite, as it can cause staining.

MASTERS 100 is not recommended for sealing of aquaria or for prolonged immersion in water.

MASTERS 100 is not suitable for food grade applications where the joints are likely to come in contact with food.

MASTERS 100 is not suitable for mirror mounting.

All building materials that come in contact with MASTERS 100 such as solid adjacent substrates, liquids or gaseous vapors of other building materials must be compatible with MASTERS 100 and must not trigger any chemical or physical changing that might result in discoloring of the sealant or deterioration of its functional capability. For any arising inquiry about the compatibility of building materials with MASTERS 100 please consult the building material's manufacturer.

The time until complete curing may be extended at lower temperature, lower humidity, increasing film thickness or by low volume of air exchange.

The use of tooling agents should be avoided if possible. Otherwise, water or a diluted solution of a little neutral soap or alcohol in water should be sparingly applied.

Package

cartridge 280/300/310 ml, box 24 pc

Colours



Storage

The 'Best use before end' date of each batch is shown on the product label.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons. Stored in its original packaging, in a cold dry place (+5°C and +25°C), away from direct sunlight, the product lasts 14 months.

Registration (selected countries / regions)

Listed on or in accordance with the following inventories:

EINECS - Europe

ECL - Korea
 AICS - Australia
 IECSC - China
 PICCS - Philippines
 TSCA - USA

Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from MASTICI VOTTERO subsidiaries.

MASTERS 100 - Product data

General characteristics	Inspection method	unit	Value
Uncured paste			
Density at 23°C at 1013 hPa		[g/cm ³]	0,96
Extrusion rate - volume flow at 23°C	internal method	[ml/min]	1000
Skin forming time at 23°C / 50% rh		[min]	20
Cured paste			
After 4 weeks storage at 23°C / 50% rh			
Tensile strength at break	ISO 8339	[N/mm ²]	1,20
Elongation at break	ISO 8339	[%]	450
Modulus at 100% elongation	ISO 8339	[N/mm ²]	0,28
Hardness Shore A	ISO 868		14
Tear Strength	ISO 34, method C	[N/mm]	5,0

These figures are only intended as a guide and should not be used in preparing specifications.

The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.

The management system has been certified according to DIN EN ISO 9001 and DIN EN ISO 14001

For technical, quality, or product safety questions, please contact:
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