



Product description

One-component, acid-curing, silicone sealant for general purpose sealing in do-it-yourself applications. MASTERS 60 cures at room temperature under the action of atmospheric moisture to give a permanently flexible silicone rubber.

Special features

- suitable for use in sanitary areas
- mold and mildew resistant
- easy to apply
- UV resistant
- non-sag
- ready gunnability at low (+5°C) and high (+40°C) temperatures
- flexible at low (-40°C) and high temperatures (+100°C)
- rapid crosslinking: quickly becomes tack-free
- excellent adhesion on many materials like glass, vitrified surfaces, ceramic tiles, many plastics and most paints

Application

- seal doors and windows
- building joints
- to seal baths, showers, washbasins, sinks and others sanitary fittings
- to seal ceramic tiles
- DIY applications (car, boat, caravan, house), in particular in areas with high humidity

Restrictions on use

MASTERS 60 should not be used on substrates such as marble, concrete, fibrous cement, and mortar, as the product releases acetic acid during vulcanization.

MASTERS 60 should not be used in contact with metals such as lead, copper, brass or zinc due to corrosion.

MASTERS 60 should not be used in contact with prestressed polyacrylate elements as it may cause stress cracking.

MASTERS 60 may be discolored in contact with some organic elastomers, e.g. EPDM, APTK and neoprene.

MASTERS 60 must not be used for sealing of aquaria.

MASTERS 60 is not recommended for use on natural stone, such as marble, granite, quartzite, as it can cause staining.

MASTERS 60 is not recommended for structural glazing bonding.

Adhesion

MASTERS 60 exhibits excellent primerless adhesion to most material used for sanitary application, e.g. glass, tiles, ceramics, enamel, glazed tiles and clinker, varnished or painted wood and some plastics.

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.

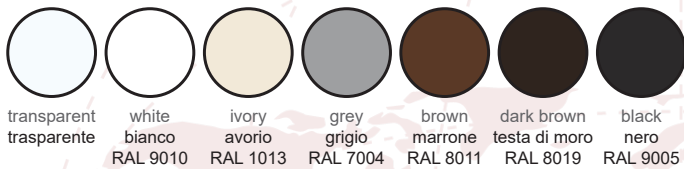
If adhesion difficulties arise please contact our technical service.

Package

cartridge 280/300/310 ml, box 24 pc

tube 60 ml, box 24 pc

Colours



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.

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.

Safety notes

During vulcanization acetic acid is released. These vapors should not be inhaled for long periods or in high concentration. Hence, good ventilation of the work place is necessary. Should uncured silicone rubber come into contact with eyes or mucous membranes, the affected area must be rinsed thoroughly with water as irritation will otherwise be caused. Cured silicone rubber, however, can be handled without any risk to health.

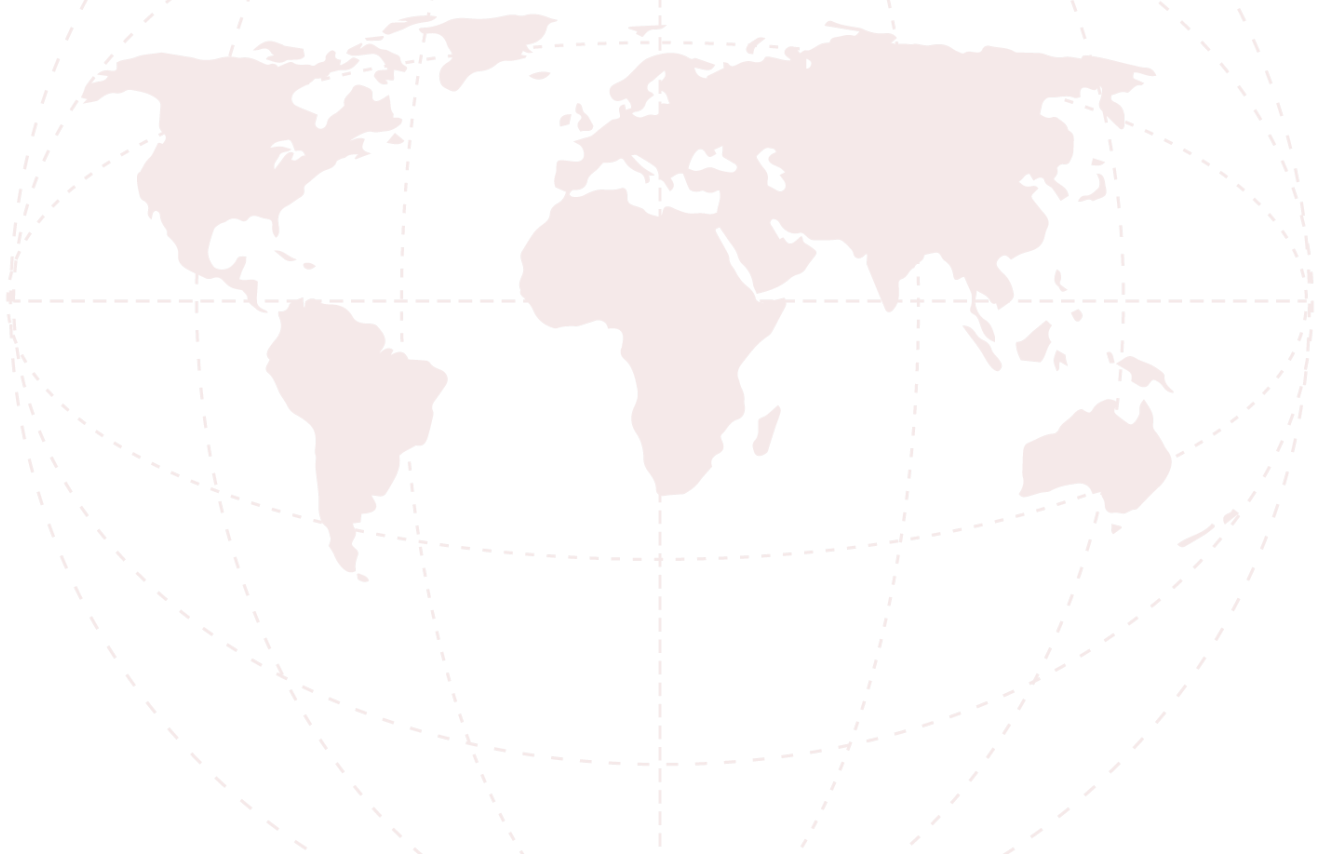
Comprehensive instructions are given in the corresponding Material Safety

Data Sheets. They are available on request from MASTICI VOTTERO subsidiaries.

MASTERS 60 - Product data

General characteristics	Inspection method	unit	Value
Uncured paste			
Density at 25°C	ISO 1183 -1 A	[g/cm ³]	0,98 - 1,01
Consistency	ISO 7390, profile U 20		non-sag
Extrusion rate - volume flow at 23°C		[ml/min]	800
Skin forming time at 23°C / 50% rh		[min]	25
Cured paste			
After 4 weeks storage at 23°C / 50% rh			
Tensile strength	ISO 8339	[N/mm ²]	0,6
Elongation at break	ISO 8339	[%]	150
Modulus at 100% elongation	ISO 8339	[N/mm ²]	0,36
Hardness Shore A	ISO 868		18
Tear Strength	ISO 34, method C	[N/mm]	4,0

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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