Technical Data Sheet

Issued on : **29/04/2025**
Version : **7**
Cancels and replaces previous versions

MS

Functionality

Neutral mastic-glue fast cure MS polymer/STP mastic-glue for gluing and sealing on most surfaces, even when damp, inside and outside. Solvent free.

- All types of sanitary joints.
- Gluing heavy components (baths, washbasins, shower enclosures, trays, mirrors, wall panels, facing bricks, mouldings, skirting boards, polystyrene components, air vents, electrical boxes, acoustic insulation, etc.).
- Watertight joints in construction (concrete, wood, glass, metal, PVC, etc.).
- Expansion joints on all surfaces (concrete, tiles, ceramic, etc.).
- Backfilling of cracks.
- Sealing between masonry and joinery, under wood, metal or PVC.

Labels and Accreditation

CE Marking: DOP colours White, Black and Grey n° 22500001-1, colour Clear n° 17910102-2

- ***Mastic used for facade elements EN 15651-1 F-EXT-INT***
- ***Mastic for sanitary joints EN 15651-3 S***

Technical characteristics

Characteristics	**Specifications**	
Colour	White, black and grey (indicative RAL 7045)	Clear
Appearance	Thixotropic paste (does not run)	
Type of mastic	Neutral MS polymer/STP (Silane-terminated polymer)-based elastomer mastic-glue	
Odour	None	
Application temperature	-5°C to +40°C	
Time of film formation	10 – 15 min	
Cross-linking speed	3 mm the first 24 H	
On cross-linked product		
Shore A hardness	34	25
Modulus 100%	0.9 MPa	
Elongation at break	400 %	250 %
Load resistance[1]	16 kg/cm²	
Temperature resistance	-20°C to +90°C	-40°C to +90°C
Resistance	Very good resistance to ageing, weathering and UV rays	

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Adhesion	Excellent on all standard porous and non-porous surfaces, even damp (enamel, acrylic materials, stoneware, steel, stainless steel, electro-galvanised steel, raw and anodised aluminium, concrete, wood, glass, PVC, polycarbonate, painted surfaces, except bitumen, PE, PP and PTFE).
Paintability	Yes, with acrylic paint Comment: - On a seal subject to considerable movement, the paint can only crack off through lack of sufficient elasticity. - We recommend painting on the joint when damp or within 2 hours following application. Beyond this time, application problems can occur with some paints.

[1] maximum value observed on a bond with porous or non-porous substrates subjected to shear stress.
Comment: All of this data is given for 23°C and 55% of relative humidity. According to the cross-linking conditions, these values may therefore vary

Use

Preparation

- The surfaces must be clean and free of grease (using alcohol or acetone for example, depending on the surface).

Instructions for use

Sealing procedure :

- Sizing joints :

Width in mm	5/6	7/9	10/12	12/15
Depth in mm	5	6	7	8

- For joints wider than 16mm, it is generally recommended that the depth of the joint should not exceed half its width. For joints that are too deep, limit the depth using cellular foam.
- For bathtubs joints that are subject to movement, avoid joints that are too small, as the elongation of the sealant is proportional to its thickness.
- Cut the end of the nozzle to a diameter slightly smaller than that of the joint.
- Apply pressure to the surface of the bead to ensure maximum contact between the sealant and the lips of the joint.
- Smooth within 10 minutes of application.
- Wait 2 to 3 hours before using sanitary appliances and 24 hours before spraying direct water.

Gluing procedure :

- For plastic surfaces, it is best to remove any “shine” from the surface to be glued using gentle abrasion (sandpaper 120 or fine steel wool).
- Apply the product in a spaced out straight beads, in a zigzag pattern or in dots, covering the whole surface to be glued, making sure that it is not too thick. On flat surfaces, beads of 2 mm diameter are adequate (nozzle not cut off).
- Position the object to be fixed by pressing firmly.
- Maintain the bond for approximately 1 minute (example of elements: wooden 3-holder peg, PVC soap dish, wooden glass holder, 120x120 mm² tiling). Wait at least 12 hours before using the bonded item.
- For heavy objects, support and wait at least 24 hours (time to be adjusted according to the weight of the item being bonded).

Consumption

Depending on the joint dimensions and application, a cartridge of 280 ml covers approximately a joint length of (expressed in metres):

Depth in mm	Width in mm					
	6	8	10	12	14	16
5	9.3	7.0	5.6	4.6	4.0	3.5
6	-	5.8	4.6	3.8	3.3	2.9
7	-	-	4.0	3.3	2.8	2.5
8	-	-	-	-	2.5	2.1

Material cleaning

Excess fresh putty can be removed with white spirit, ethanol or acetone.

Safety precautions

The Material Safety Data Sheet is available on the Internet on www.quickfds.com or on www.geb.fr .

If the product is subject to detergent regulation : Component list available on request at reach@geb.fr

If the product is subject to biocide regulation or if it contains a biocide to protect it : Consult the Material Safety Data Sheet - Please use the products responsiblly.

Tip

To make a joint, first mark out its location with adhesive tape, which should be removed immediately after smoothing.

Comments

For use on natural stone (marble, granite, etc.), we recommend that you carry out a test on a concealed area first.

Non-corrosive to metals.

Storage

Store at a temperature between -5°C and +30°C.

The expiry date on packaging is for unopened product stored at 20°C in normal hygrometry conditions.

Packaging and waste sorting

Refer to the information on the product and to the applicable local regulations.

The information contained on the technical datasheet is provided in all good faith and results from measurements made in our laboratory. Given the number of materials, differences in quality and diversity of working methods, we recommend that users perform tests prior to application under actual conditions of use.

This document may be amended in keeping with product development and the state of our knowledge without prior notice and therefore it is recommended to check on http://www.geb.fr that you have the latest version before use.