SANBOND

TECHNICAL DATA SHEET

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MASTIC LIQUID

Polyester-based glue of resin and nano filler for joint filling, consolidation and grouting of marble, granite and natural or artificial stone.

Easily pigmented · Durable · Excellent adhesion



100 : 3	3–6 min	15–20 min	20–25 °C
Mix ratio (A : B)	Gel time @ 25 °C	Tack free @ 25 °C	Ideal curing temp.

01 PRODUCT DESCRIPTION

Sanbond Mastic Liquid is a polyester-based glue made from a mix of resin and nano filler. It is specially used for joint filling of all types of marble, granite, and natural as well as artificial stone. It is also used for consolidation and grouting of stone. The mixed system hardens perfectly at a room temperature of 20–25 °C.

Part A – Resin | **Part B** – Hardener

02 USES

- Joint filling of natural stone.
- Hairline filling and repair of stone defects.
- Fast setting.

03 FEATURES & BENEFITS

- Easily pigmented
- Durable
- Very good gloss
- High strength after curing
- Excellent adhesion

04 SUITABLE SURFACES

- Marble
- Granite
- Engineered marble

05 SURFACE PREPARATION

The surface to be treated should be thoroughly clean, dust free and free from dampness.

06 MIXING INSTRUCTIONS

Take Part A in a clean pot and add the Part B paste at a ratio of **100 : 3**. Mix Part A and Part B well until a homogeneous mixture is obtained.

Pot life is only 3 to 5 min – mix only the amount that will be used within that time.

07 APPLICATION PROCESS

- Fill the product into the stone joint, pressing it into the open joint of the surface with a putty blade.

08 TECHNICAL DATA

Property	Value
Base	Part A: Resin Part B: Hardener
Aspect	Semi liquid
Colour	White, ivory
pH	N/A
Mixing ratio	100 : 3 (A : B)
Gel / pot time @ 25 °C	3 to 6 min
Tack free time @ 25 °C	15 to 20 min
Mix viscosity	0.14 – 0.18 lakh cPs (14,000 – 18,000 cPs)
Pack size (A + B)	1.500 + 0.045 kg

09 APPLICATION CONDITIONS

- Residual moisture content of the stone substrate should not exceed 5%.
- No rising moisture or potential osmosis problems.
- Substrate temperature at least 3 °C above dew point, but not above 50 °C.
- Recommended ambient temperature for application: 10 °C – 40 °C.
- Relative air humidity (RH) not to exceed 80%.

10 CONSUMPTION

The product is used to fill stone joints. As joints vary from surface to surface, consumption may vary for a particular application.

The data given is for guidance only. Physical values are subject to normal manufacturing tolerances, colour and testing variances. Coverage and consumption figures are theoretical and do not allow for additional material required due to surface porosity, surface profile, variations in level, wastage, etc.

11 CLEANING

Residual traces of the product can be removed from tools with a suitable cleaner before the product has hardened.

12 SANBOND MASTIC RANGE

Variant	Aspect	Colour	Gel time	Tack free time	Viscosity (lakh cPs)	Pack size A + B
Mastic Solid	Thick paste	White, ivory	3 – 6 min	15 – 20 min	3 – 4.25	1.500 + 0.045 kg
Mastic Liquid	**Semi liquid**	**White, ivory**	**3 – 6 min**	**15 – 20 min**	**0.14 – 0.18**	**1.500 + 0.045 kg**

13 PACKAGING

1.545 kg kit – Part A 1.500 kg + Part B 0.045 kg.

14 STORAGE & SHELF LIFE

Keep in a cool and well ventilated area. For best results, use within **7 days** of opening to avoid possible spoilage. For product expiry information, please refer to the product packing.

15 ANNOTATIONS

- Mix only the quantity of product that you can use in a short time.
- Check that there is no dampness on the surface.
- Use clean, non-porous containers for mixing. Do not mix on stone surfaces, to avoid any product performance issue.
- Always use a good quality brush, sponge, scrubber or white cotton cloth during application to avoid damaging the surface through decolourisation.
- When using tools such as spray pumps, low hand-pressure pumps, water jets, mixers or grinding machines, clean their inner and outer surfaces to avoid any damage to the surface and the material.

16 HEALTH & SAFETY

PRECAUTIONS

- Wear protective clothing, gloves and eye goggles during application. Avoid contact with eyes and skin.
- Keep out of reach of children.
- Not for internal consumption.
- Apply between 5 °C and 35 °C.
- Use only in well ventilated areas.
- Wash hands thoroughly after applying.

ACCIDENT

Use water spray.

SPILLAGE

Take up mechanically or with absorbent material.

FIRST AID

- If swallowed, contact a physician.
- On skin contact, wash skin with water and remove contaminated clothing.
- On eye contact, hold the eye open, flood with water for at least 10 min and contact a physician.

Always refer to the MSDS before using the product.

17 NOTES

The information above is believed to be accurate and represents the best information currently available to STC Marketing. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall STC Marketing be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, however arising, even if the company has been advised of the possibility of such damages. Users must always refer to the most recent issue of the local product data sheet. Always test on a small area first and allow a 24-hour cure time to determine ease of application and the desired time.

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