



**SPECIFICATIONS FOR  
RAW MATERIALS**

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**SPECIFICATION FOR SILICONE SEALANT/ ADHESIVE**

**1. APPLICATION**

For fixing of ceramic tiles to other base materials like steel, plastic, ceramic, etc.

**2. APPLICATION TEMPERATURE**

Suitable for continuous operation at > 200 deg C and for intermediate operation (30 minutes) at more than 250 deg C.

**3. PROPERTIES**

- |                               |                                |
|-------------------------------|--------------------------------|
| a) Specific Gravity           | : 1.03 minimum                 |
| b) Tack free time             | : 10 to 15 minutes             |
| c) Cure time (3 mm thickness) | : 24 hours                     |
| d) Hardness (Shore "A" Point) | : 25 to 30                     |
| e) Tensile strength           | : 20 Kg/Cm <sup>2</sup> , Min. |
| f) Sheer adhesive             | : Minimum 7 Kg/Cm <sup>2</sup> |

**4. TESTING METHODS**

Material to be tested for above properties to the relevant ASTM/DIN Standards.

**5. TEST SAMPLES**

Supplier shall take appropriate quantity of sample and get the corresponding tests, as mentioned in C1-3, done in an independent laboratory and produce the test certificate along with every supply.

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**6. TEST CERTIFICATE**

Material accompanied by test certificates. Test certificate should include following :

- i) Batch No. and date of manufacture.
- ii) Actual test values and reference to the testing standards.

**7. MATERIAL ACCEPTANCE**

Materials to be accepted based on test certificate issued as evidence of satisfactory compliance to requirements stated above.

**8. PACKING**

- a) To be packed in 300-310 ml cartridges of suitable material.
- b) Supplier's name, batch No. and expiry date to be printed on cartridges.
- c) 12 to 20 cartridges to be packed in cardboard box. Cardboard boxes to be identified with supplier's name, quantity, date of expiry. These cardboard boxes to be further packed in bigger boxes to contain 6 to 8 cardboard boxes.

**9. REJECTION AND REPLACEMENT**

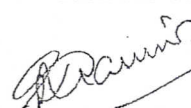
Material not conforming to the foregoing shall be rejected. Supplier shall undertake to replace the material free of cost without any delay and arrange to take back the material at his own cost.

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