

SOPRAMASTIC®

SP1

SOPRAMASTIC® SP1
PRODUCT # A218

PRODUCT DATA SHEET

DESCRIPTION & FEATURES

SOPRAMASTIC SP1 is a moisture cured polyether sealant for use in approved multi-ply membrane and flashing assemblies. SOPRAMASTIC SP1 is composed of a polyether designed to be highly elastic to accommodate dynamic movement. SOPRAMASTIC SP1 used as a general purpose adhesive and sealant for various applications.

STORAGE

Store in box and maintain in an upright position to prevent damage. Store in a clean dry location and cover as necessary to protect box from environmental damage such as extreme cold, heat, or moisture. Monitor varying environmental conditions during storage, handling and application of SOPRAMASTIC SP1.

APPLICATION

SOPRAMASTIC SP1 is applied to the approved area via a pneumatic cartridge applicator. Refer to the SOPREMA SBS Roofing Manual for additional application guidelines.



QUICK FACTS

| QUANTITY (oz) | PACKAGING (carton/box) |
|------------------|---------------------------|
| 10.1 tube | 24 tubes |



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TECHNICAL INFORMATION

| PHYSICAL PROPERTIES | | |
|---|--|---|
| PROPERTY | UNIT | TEST METHOD |
| Gun grade | Zero slump | ASTM C679 |
| Viscosity (cp) | 750,000 ± 150,000 | Brookfield RVF TF Spindle, 4 RPM, 73°F (23°C) |
| Density (lb per gallon) | 11.0 ± 0.2 | ASTM D 1475 |
| Elongation at break (%) | 750 - 800 | ASTM D 412 |
| Peel strength (psi) | 25 -30 | ASTM C794 |
| Tensile strength (psi) | 250 - 300 | ASTM D412 |
| Hardness Shore A | 17 - 23 | ASTM C661 |
| Lap shear strength (psi) | 150 - 175 | ASTM D1002 |
| Low temperature flex (-10°F (-23°C) 1/4 inch mandrel) | Pass | ASTM D816 |
| Shrinkage | No visible shrinkage after 14 days | - |
| Service temperature °F (°C) | -40 to 200 (-40 to 93) | - |
| Weathering | No cracking or chalking, slight matte finish after 2000 hours QUV "A" bulb. Durometer gain of 5 points | - |

* Data is represented by average values, unless noted otherwise.