



Technical Data Sheet

SMOKEBLOCK™ Product No. SB100RD

Description

SMOKEBLOCK™ is a premium product designed to meet ASTM E-136 noncombustibility requirements for certain code required applications.

Key Features

- Adheres Well to Wood & Masonry Materials
- Meets ASTM E-136
- Withstands Temperatures Up to 1000F (538C)
- Water Clean-up
- VOC Compliant

Uses

May be used wherever a high-temperature, fire-resistant, non-combustible sealer is required. Compound dries to form a dense fire & heat resistant shield & meets the noncombustibility requirements of ASTM E-136. Material is suitable for continuous in-service temperatures up to 1000F.

Surface Preparation

Contact surfaces should be clean & free of loose material, dirt, oil, grease & other contaminants.

Directions

1. Insure that surface is clean & free of oil, dirt, dust, rust or scale.
2. For best results, material, substrate & air should be between 40F & 100F. Do not apply to frozen surfaces.
3. Clip spout as required to form desired bead size.
4. Apply as required using a standard caulking gun.
5. Using steady pressure, force material into cavity.
6. Sealant suitable for interior applications only. Sealant inflexible when dry & may not be suitable for application to surfaces where vibration & expansion &/or contraction may be present.
7. If sealant tends to pull back from surface, clean surface with a damp rag or sponge & reapply.
8. Allow material to dry a minimum of 24 hrs before exposure to moisture.

<u>Physical/Performance Property</u>	<u>Test Method</u>	<u>Typical Result</u>
Weight Per Gallon	Gardner Cup	13.5 +/- 1.0
Specific Gravity	Calculated	1.62
Total Non Volatile % Solids (Weight)	Computrac Analyzer	68% +/- 3
Extrudability/Application (as packaged)	Semco Gun (6 oz @ 50 psi)	12 seconds +/- 5
Consistency/Appearance	Visual Observation	Viscous pink paste
pH (initial)	pH Meter	10 to 12
Odor	Subjective	Non-to-mild
Base Polymer	Known	Proprietary
Pigment	Known	Proprietary
Freeze/Thaw Stability	Test Lab 0 F/77 F @24 hrs or ASTM C731	Passes 3 Cycles
Shelf Life	Lab 50 C Oven – Accelerated	1 year minimum @ 77F
Slump	ASTM D2202 Jig	0
Storage Conditions	Test Lab	40F to 95F
Application Temperature	Test Lab	40F to 90F
Service Temperature	Lab Oven	40F to 1000F
Spec Compliance	Known	ASTM E-136; Meets the noncombustibility requirements of ASTM E-136

Clean Up

Water or Mild Soap & Water before material dries

For Best Results

- Do not attempt to thin product.
- Do not expose to continuous in-service temperatures above 1000F
- Use on interior applications only

Color

Pink

Packaging

10.1 FL. OZ HDPE Cartridge

Limitations

- Cure time will vary according to the depth of material installed & the prevailing temperature & humidity
- Product has not been tested for & is not recommended for use as a firestopping material in rated construction – Products tested to ASTM E-814 (UL 1479) are required for this purpose
- Protect from freezing
- Product for interior application only
- Product water soluble when dry – do not expose to water
- Adhesion & compatibility to plastics should be confirmed prior to use
- Material inflexible when dry – may not be suitable where vibration or expansion &/or contraction is possible
- Product meets ASTM E-136 noncombustibility requirements for certain code required draft & fire blocking applications – THIS STANDARD DOES NOT ADDRESS ANY MECHANICAL OR PHYSICAL PROPERTIES RELATED TO THE USE OF THESE MATERIALS – USER MUST DETERMINE SUITABILITY FOR A PARTICULAR APPLICATION – CONSULT LOCAL BUILDING CODE AUTHORITIES PRIOR TO USE FOR GUIDELINES OR REQUIREMENTS THAT MAY RELATE TO USE OF THIS PRODUCT

Environmental, Safety & Transportation Information

<u>Criteria</u>	<u>Evaluation Method</u>	<u>Status</u>
CARB Compliance	Documents Review	Yes
Prop 65 Ingredients	Documents Review	None
DOT Proper Shipping Name	Review of Regs	Not Regulated by DOT
DOT Hazard	Review of Regs	N/A
DOT UN/NA Number	Review of Regs	N/A
Packing Group	Review of Regs	N/A
VOC Content	Calculated	<1%/wt, < 10 g/L

CAUTION: NOT FOR INTERNAL CONSUMPTION. KEEP OUT OF REACH OF CHILDREN & PETS. KEEP FROM FREEZING. (See MSDS for additional information)

LIMITED WARRANTY

Recommendations for use of this product are based on tests we believe to be reliable. Manufacturer and seller are not responsible for results where this product is used under conditions beyond our control. No representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information. Damages including consequential damage and other remedies are excluded. No other warranties apply, including fitness for a particular purpose. Warranty is limited to product replacement or purchase price refund upon presentation of receipt & used cartridge.

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SEE MSDS FOR ADDITIONAL DATA/INFORMATION