



BOSS[®] PRODUCTS



TECHNICAL DATA SHEET

BOSS[®] 125 Multi~Seal Building/Construction Sealant

TYPICAL PROPERTIES

Uncured

Flow Sag or Slump	NIL
Skin-Over Time, min.	8
Extrusion Rate g/min.	210

Cured – Physical

7 Days at 77°F (25°C) and 50% RH (1/8" thickness)

Hardness, Shore A	35
Specific Gravity	1.53
Tensile Strength, psi	210
Elongation, %	375
Modulus, psi	105
Shrinkage	NIL
Service Temperature	-40°F to 200°F
Application Temperature	-35°F to 140°F

*Information on this data sheet is subject to change without notice and should not be used for writing specifications.

For additional information on specific applications, contact Accumetric, LLC



DESCRIPTION

BOSS[®] 125 Multi-Seal Building/Construction Sealant is a multi-purpose, one part sealant, formulated from a hybrid polymer. This unique sealant is free from solvents, silicone, isocyanates and other hazardous raw materials. It cures on exposure to atmospheric moisture to form a highly durable flexible sealant.

Multi-Seal has been formulated to offer outstanding primerless adhesion to most common building materials including vinyl, aluminum, steel, concrete, wood and glass. It can be applied and tooled under most weather conditions. This sealant is paintable with most latex base paints*.

*Test small area for compatibility before painting

Kynar 500[®] is a trademark of Arkema Inc.

FEATURES

- VOC Compliant in all 50 states
- Qualifies for LEED Credits
- Ease of use, one-part sealant, no mixing required
- Good weatherability - virtually unaffected by sunlight, rain, snow, ozone, and temperature extremes
- Good UV resistance and color stability
- Long life reliability; cured sealant stays flexible without tearing, cracking, drying out, or becoming brittle.
- With its non slump properties, can be used in vertical, horizontal and overhead joints
- Wide temperature gunnability; can be applied in any season
- Non-yellowing and non-staining
- Non-streaking
- Paintable with most latex base paints*
- Free from solvents and isocyanates
- Bonds to Kynar 500[®] (except Clear)

LIMITATIONS

- Do not use for structural glazing

APPLICATIONS

BOSS® 125 Multi-Seal Building/Construction Sealant is designed to produce a flexible joint sealant with excellent adhesion to various substrates. **BOSS® 125** is suited to sealing construction joints in concrete structures, masonry joints, balcony and parapet joints, window and door perimeter joints, facade and metal cladding joints, ceramic tilt joints, shop fronts, aluminum angle joints, showcases and shower screens.

BOSS® 125 Multi-Seal Building/Construction Sealant has excellent adhesion to many building materials including Kynar 500®, coated metals, glass, EIFS, galvanized steel, residential/commercial roofing, flashings, vents, downspouts, gutters, tiles, concrete and wood.

SPECIFICATIONS

BOSS® 125 meets TT-S-000230C, Type II, Class A; ASTM C920, Type S, Grade NS, Class 25, Use NT-non traffic, G-glass, M-mortar, A-aluminum and O-other; CAN/CGSB 19.13-M87.

HOW TO USE

Make sure the joint design is correct. Proper joint design minimizes stresses on the sealant. Typical dimensions of a movement joint should ensure the width of the joint would equal two times the depth of sealant. Minimum depth of sealant in construction joint should be 6mm.

Clean the joint surface on both new and old jobs. Surfaces must be clean, dry, and sound. Since new material is often covered with a protective film, solvent-wash all surface materials with a wet brush and an oil-free solvent. Ensure that surfaces are dust free.

Use masking tape where bead lines of exact shapes are required. Masking tape should be removed immediately after a bead is completed before a skin begins to form.

Apply sealant to dry, clean surfaces. An air-operated or hand-operated cartridge or sausage gun may be used. Surfaces should be dry before the sealant is applied.

Ensure that surfaces to receive the sealant are dust free. Uncured sealant may be cleaned from tools using commercial solvent.

Tool joint, if necessary, and remove masking tape. Tooling should be completed in one continuous stroke. Tool immediately after sealant is applied and before a skin begins to form. Do not use soap or oil as a tool aid. Remove masking tape immediately after tooling is completed.

STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), **BOSS® 125** Multi-Seal Building/Construction Sealant has a shelf life of 9 months from date of shipment. In Countries where high heat and humidity are a factor, special precautions must be taken. Store product in a covered, well-ventilated warehouse and avoid excessive heat conditions. Storage in high heat, high humidity conditions may reduce shelf life by up to 30%. Rotation of stock is an absolute necessity. Cartons should always be stacked upright with the nozzle tip pointed upwards. DO NOT stack cartons on their side. **NEVER** stack cartons more than 8 high. DO NOT store within 1 meter (4 feet) of roofline of the warehouse or storage building.

COLORS

BOSS® 125 is available in clear, grey, white, black, off white, limestone, tan, stone, aluminum grey, redwood tan, hunter green, medium bronze, special bronze and brown.

CAUTION

DIRECT CONTACT OF UNCURED SEALANT IRRITATES EYES AND MAY IRRITATE SKIN. OVEREXPOSURE TO VAPOR MAY IRRITATE EYES, NOSE, AND THROAT. Avoid eye and skin contact. Use with adequate ventilation. Do not handle contact lenses with sealant on hands. IN CASE OF EYE CONTACT, flush eyes with water for 15 minutes. Obtain medical attention. IN CASE OF SKIN CONTACT, remove from skin and flush with water. KEEP OUT OF THE REACH OF CHILDREN. For safe handling information on this product, consult the Material Safety Data Sheet (MSDS).

PACKAGING

BOSS® 125 is available in standard caulking cartridges and 1 gallon pails.

SHIPPING LIMITATIONS

None.

Reactive VOC 10 g/l (<1% wt)

USERS PLEASE READ

The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made.

It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application.

Likewise, if the application, product specifications or manner in which our products are used requires government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

Non-warranty: Because the storage, handling and application of the material is beyond Accumetric's control, we can accept no liability for the results obtained. Accumetric's sole limited warranty is the product meets the manufacturing specifications in effect at time of shipment. There is no warranty of merchantability or fitness for use, nor any other express or implied warranty. Accumetric will not be liable for incidental or consequential damages of any kind. The exclusive remedy for breach of such limited warranty is a refund of purchase price or replacement of any product shown to be other than as warranted.

Suggestions of uses should not be taken as inducements to infringe any patents.

MADE IN U.S.A.

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