

BOSS® 535 Polyurethane Sealant



BOSS® PRO

TECHNICAL DATA SHEET

Professional Grade Polyurethane

TYPICAL PROPERTIES

| | |
|---|----------------|
| Flow Sag or Slump | NIL |
| Skin Time | 50-60 min |
| Cured-Physical - 7 Days at 77°F (25°C) and 50% RH (1/8") | |
| Durometer Shore A Hardness | 30±5 points |
| Specific Gravity | 1.53 |
| Tensile Strength | 165 psi |
| Elongation | > 800% |
| Modulus | 85 psi |
| Shrinkage | NIL |
| Service Temperature | -22°F to 194°F |
| Application Temperature | 41°F to 86°F |

DESCRIPTION

BOSS® 535 Polyurethane Sealant is a high quality, elastic, 1-component professional grade based on polyurethane.

BOSS® 535 is very easy to apply, and offers good weather and UV resistance. It remains permanently elastic after curing. It does not bubble in high temperature and humidity, and is formatted to adhere very well to many materials. It can be painted with most types of paint systems.

*Test small area for compatibility before painting

FEATURES

- 50% Movement
- Excellent adhesion to many building materials
- Ease of use, one-part adhesive sealant, no mixing required
- Non-streaking
- Qualifies for LEED Credit
- Good UV resistance and color stability
- Non-yellowing and non-staining
- Paintable with most paint systems
- Long life reliability; cured sealant stays flexible without tearing, cracking, drying out, or becoming brittle.
- Free from solvents and isocyanates

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.

Continued...



APPLICATIONS

- High Movement Building and Construction Joints
- Window Frames
- Door Frames
- Walls
- Seal Shrinking Joints in Concrete Floors
- Floor Joints
- Wood
- Tiles
- Roofing/Shingles
- Metals
- Glass

Scan the QR Code to see the full line of **BOSS® PRO** Products!



BOSS® 535 Polyurethane Sealant



BOSS® PRO

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

SPECIFICATIONS

- ASTM C920 Type S, Grade NS, Class 50, Use NT, G, A, M, O
- TT-S-00230C
- CAN CGSB 19.13

PAINTABILITY

Paintable with most paint systems

CLEAN UP

Before curing, use White Spirit or Soudal Surface Cleaner immediately after use.

SHIPPING LIMITATIONS

None | Reactive VOC 10 g/l (<1% wt) (Colors)

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 only outdoors or in a well ventilated area. 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 REACH OF CHILDREN. For safe handling information on this product, consult the Safety Data Sheet (SDS).

STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), **BOSS® 535** Polyurethane Sealant Building/Construction Sealant has a shelf life of 12 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.

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.

TECHNICAL DATA SHEET

COLORS

- White
- Black
- Grey
- Limestone
- Medium Bronze
- Special Bronze
- Redwood Tan
- Tan

PACKAGING

- 10.1 oz. Aluminum Cartridge

Limited Warranty: Buyer assumes all risks of use, handling and storage of product not in strict accordance with label directions. Liability for any incidental or consequential damage or loss is specifically excluded at all times. Any implied warranty of merchantability or fitness for particular use is excluded. Seller will not accept liability for more than product replacement.

Soudal Accumetric

MADE IN BELGIUM

350 Ring Road
Elizabethtown, KY 42701
800-928-BOSS(2677)
270-769-3385
FAX 270-765-2412
www.bossproducts.com

BOSS is a registered trademark of Soudal