

BOSS[®] 231 Clear Sealant/Adhesive

TYPICAL PROPERTIES

Basis.....	Styrene Acrylate
Consistency.....	Paste
Curing system	Physical drying
Skin formation*	(73°F/50% R.H.) Ca. 10 min
Density.....	Ca. 0.95 g/ml
Maximum allowed distortion	10 %
Service Temperature.....	-4°F to 200°F
Application Temperature	40°F to 90°F
Shrinkage	Ca. 20%

* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. 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 Soudal.



DESCRIPTION

BOSS[®] 231 is a plasto-elastic, paintable, one-component repair sealant based on copolymers, **BOSS[®] 231** has excellent adhesion on bitumen, asphalt, hardened concrete, metal, glass, brick, wood, plastics and Kynar[®] 500*. **BOSS[®] 231** is also suited for wet, non-absorbing surfaces, and is ideally suited for waterproofing cracks in roofs, gutters, skylights, chimneys, walls, etc. **BOSS[®] 231** is resistant to U.V. exposure and temperatures up to 200°F.

FEATURES

- Exceptional elongation and flexibility
- Excellent adhesion to many building surfaces, even when damp
- Asphalt shingle compatible
- Easily applied, non-stringing formulation
- Tools and cleans up easily
- Totally transparent, crystal clear
- Solvent based
- Can be painted over after curing
- UV resistant, waterproof and resistant to weathering

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

APPLICATIONS

BOSS® 231 is a repair product for leaks in gutters, drainpipes, and can be used in implementing emergency repairs, even in rain, and as a sealant at cracks and seams.

HOW TO USE

1. Clean surface, remove any soap, oil or grease.
2. Cut tip off cartridge just above threads. Screw on nozzle and cut on 45° angle to desired bead size. Insert the cartridge into standard caulking gun.
3. For a smooth seal, hold at 45° angle and apply by pushing sealant ahead of nozzle.
4. Tooling must be completed in 8 minutes. Remove excess with a dry paper towel.
5. Normally sealant “skins” in 10 minutes, dries to touch in 30 minutes and cures and bonds in 24 hours. Optimum strength is achieved in 7 days.

CLEAN UP

Uncured sealant can be easily removed using a solvent such as alcohol or acetone. For an environmental and health friendlier choice use **BOSS® Biggie Wipes**. If the sealant is cured it must be removed mechanically by cutting and scraping.

COLORS

BOSS® 231 is available in clear.

PACKAGING

BOSS® 231 is available in standard caulking cartridges.

SHIPPING LIMITATIONS

Not for sale in California SCAQMD Counties.

LIMITATIONS

- Do not use for structural glazing
- Do not use as a window glazing sealant
- Not recommended for use on PE, PP or PTFE (Teflon®) due to poor adhesion to these substrates

STORAGE AND SHELF LIFE

When stored in the original unopened containers, in a cool dry place, between 40°F and 77°F, **BOSS® 231** Professional Grade Adhesive has a shelf life of 18 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.

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 THE REACH OF CHILDREN.** For safe handling information on this product, consult the Safety Data Sheet (SDS).

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 Soudal's control, we can accept no liability for the results obtained. Soudal'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. Soudal 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.

BOSS® PRODUCTS

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