

DuPont™ ArmorSeal Sealant

Gunnable Grade Sealant for Joints and Fastener Heads

FEATURES/BENEFITS

Description

For Professional Use Only. DuPont™ ArmorSeal Sealant is a moisture-cured polyether sealant. The gunnable grade material is primarily utilized at panel edges, seams, and fastener heads to complete the air and water-resistive barrier and flashing layer within DuPont™ ArmorWall™ Systems. Follow DuPont specifications for coverage rates and application requirements.

Product Benefits:

- Elastomeric moisture curing sealant
- Unique chemistry allows for +/-50% joint movement
- Designed to not stain porous substrates
- No out-gassing on green concrete
- Helps protect against UV-induced discoloration
- Paintable within twenty-four hours of application regardless of weather conditions or temperature

Available Sizes

- DuPont™ ArmorSeal Sealant is available as 20 oz (591 ml) tubes in a 20 pack carton.

Technical Data:

DuPont™ ArmorSeal Sealant, when used in approved DuPont™ ArmorWall™ Systems, complies with the following:

- ASTM C920 Type S, Grade NS, Class 50, Uses NT, T, I, G, & A
- AAMA 802.3-08 Type II Back Bedding Compound
- USDA Accepted



PRODUCT CHARACTERISTICS

Characteristic	Value
Size	20oz (591 ml) tube
Package	20 pack carton
Color	Black
Typical Application	Seams and Fasteners
Estimated Coverage	~1.5 tubes per panel

TYPICAL JOINT APPLICATION SIZES

Joint Width - inches (mm)	Joint Depth - inches (mm)
1/4 - 1/2 (6 - 13)	1/4 (6)
1/2 - 3/4 (13 - 19)	1/4 - 3/8 (6 - 10)
3/4 - 1 (19 - 25)	3/8 - 1/2 (10 - 13)
1 - 2 (25 - 50)	1/2 (13)

PRODUCT PREPARATION AND APPLICATION

Remove any and all surface contaminants that may prevent adhesions. Cured sealant can be removed via scraping. For best gunnability and tooling maintain sealant at room temperatures. Apply sealant to a test surface to assess for adequate adhesion. Gun sealant with a smooth and continuous bead. Tool within fifteen minutes of application to ensure seal.

Warranty

Ten-year limited warranty may be applicable when used as a component in the DuPont™ ArmorWall™ System. Visit www.ArmorWall.DuPont.com or contact your DuPont representative for details.

PROPERTIES

Typical Physical Properties for DuPont™ ArmorSeal Sealant

Property	Value
Tensile Strength	225 psi
Lap Shear (rate = 1" per minute)	275 psi
Elongation	275%
Tack Free Time	<1 Hour @ 77°F / 50% RH
Skin Time	<30 min. @ 77°F / 50% RH
Sag	Non-sagging
Hardness	45-50
UV Ratings (2000 hours UV-A)	No change in appearance or physical properties (ASTM G26)
High Temperature Resistance	Up to 300°F for short periods of time
Low Temperature Flexibility	Properties retained to -75°F
Corrosive Properties	Non-corrosive
Staining Properties	Non-staining

HANDLING

WARNING: For Professional Use Only – Read and follow the entire Handling section and the Safety Data Sheets carefully before use. The information below is designed to protect the user and allow for safe use and handling of DuPont™ ArmorSeal Brand products. Follow all applicable federal, state, local and employer regulations.

Handling and Use

- Causes skin and eye irritation. May cause an allergic skin reaction. Wear impervious gloves such as vinyl to minimize contact with skin. Wear safety glasses or goggles to avoid eye contact.
- Please refer to the Safety Data Sheet for first aid information.
- Controlled conditions, 70°F (21°C) with 50% relative humidity, results in twelve month shelf life for sausage. High temperatures and relative humidity may reduce shelf life.

Product Limitations

- Some cleaners and solvents may not be compatible with this product. It is recommended to perform a field adhesion test prior to application to surfaces other than those found within the DuPont™ ArmorWall™ System.

CAUTION: KEEP OUT OF REACH OF CHILDREN.



For more information visit us at
armorwall.dupont.com
or call 1-800-448-9835

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