



FlexShield #111 Neoprene Roof Cement

Product Information and Technical Data



Outstandingly Effective Sealant, Flashing Cement, and Mastic. Compatible with all materials including Asphalt, Coal Tar Pitch, EPDM, Metal, and Masonry.

#111 Neoprene Roof Cement is a super elastic, heavy-duty repair and flashing cement. It bonds and caulks where movement or vibration may present repair difficulties.

Composition: Neoprene Roof Cement is a blend of synthetic rubber, plasticizers, glass fibers, and antioxidants.

Applications: Seals flashings, metal seams, counter flashing, fasteners, expansion joints, sign supports, pitch pockets, and vibrating equipment. It also seals in areas where dissimilar materials meet and require a roof cement where added strength and elongation are needed to maintain a weatherproof seal. Its unique combination of great tensile strength and elongation/recovery make Neoprene Roof Cement ideal for use on surfaces such as concrete, masonry, insulation boards, metal, coal tar and asphalt roofs.

Benefits:

- Quickly develops into a seamless monolithic rubber seal.
- Seals laps in various materials
- Blended with approximately 10% more solids than competitive products.
- Yields far greater effectiveness, professional results at a lower cost.
- Thick, high solids consistency.
- Allows joints up to 2 inches wide to be filled without drip or sag.
- May be used on wet or dry surfaces

Neoprene Roof Cement outperforms competitor’s products. Tests by an independent laboratory proved Neoprene Roofing Cement to be superior in strength and elongation over competitor’s product:

	Neoprene Roof Cement	Competitor’s Brand
Maximum Strength (psi)	308	78
% Elongation at Maximum Strength	1,086%	114%
% Elongation at Rupture	1,184%	205%

Documentation available upon request

Preparation: All surfaces to be coated must be clean and free of dust, dirt, and foreign matter. All loose or flaking coating must be removed using a stiff brush or broom to ensure adequate adhesion. On previously coated surfaces, the old coating must have firm adhesions to substrate and be unaffected by the new coating. Prior to application, make sure all fasteners are tight and loose metal re-secured.

Application: Where surface is porous such as wood or concrete, apply primer first for best results. May be applied by trowel, putty knife, or caulking gun. Approximate coverage rate is 8 to 12 gallons per 100 s.f.

Packaging: 10-1/2 oz. Tube, 1 gallon can, 5 gallon pail

Specifications		
Flashpoint	105°F Min.	ASTM D93
% Solids Min.	66%	ASTM D1044
Application	Trowel or Caulk Gun	
Film Thickness @ 8 gal./100 s.f.	1/8"	
Elongation at 72°F	400% min.	ASTM D412
Recovery from Elongation at 400%	90%	
Recovery from Elongation at 100%	100%	
Temperature Range	-30 to 200°F	
Application Rang	40 to 100°F	
Dry to touch	4 to 24 hours	
Dry throughout	30 days	
Total cure time	45 to 60 days	
Tensile strength	300 psi min.	ASTM D412
Weight per Gallon	9 lbs.	
Viscosity	Heavy Paste	
Moisture Vapor Transmission	.15 perms	ASTM D412
Color	Black	

CAUTIONS: contains petroleum distillates. If swallowed, do not induce vomiting. Call physician immediately. Combustible. Keep away from heat and open flame. Avoid prolonged contact with skin and breathing in vapor. Close container after each use. Use with adequate ventilation. **Keep out of reach of children.**

Availability and Costs:

Availability: Products are immediately available from GlobalShield, Inc. throughout the United States.

Cost: Cost data is available from your local GlobalShield representative.

Technical Services: GlobalShield Technical Services Department provides problem analysis and assistance in developing recommendations for special applications. Warranty systems require inspection by GlobalShield prior to installation. Progress and final inspections are also required.

Statement of Policy and Responsibility: GlobalShield takes responsibility for the furnishing of quality materials, and providing specifications and recommendations for their proper installation. GlobalShield does not, either itself or through its representative, practice architecture or engineering. GlobalShield offers no opinion on, and expressly disclaims any responsibility for, the structural soundness of any roof deck on which its products may be applied. Opinions of competent structural engineers should be obtained by the owner as to the structural soundness of the roof deck, or its ability to properly support the contemplated roof installation. GlobalShield accepts no liability for any failure of the roof deck or resultant damages, and no GlobalShield representative is authorized to vary this disclaimer.

