

Meets the requirements of ASTM D 4586, Type I (Asbestos Free)

Features and Components

Use: To adhere both vertical and horizontal roof flashing surfaces. Useful for repairing leaks in metal, shingles, concrete, flashings, gutters, around chimneys, flues, soil pipes, drains, eaves, cornices and roof perimeters.

Type: One-part, low VOC, asphalt-based trowel-grade mastic.

Color: Black

Features: Maintains bond during varying temperatures and weather conditions, and bonds to dissimilar materials.
Excellent Durability.
Remains Flexible Over Time.



Component

CE
Cement

Type

FL
Flashing
Multi-Ply

System Compatibility This product may be used as a component in the following systems. Please reference product application for specific installation methods and information.

Multi-Ply	BUR		APP			SBS			
	HA	CA	CA	HW	HA	CA	HW	SA	MF
	<i>Used to adhere flashings in BUR systems</i>								

Single Ply	TPO				PVC			EPDM		
	MF	AD	SA	IW	MF	AD	IW	MF	AD	BA
	<i>Do not use in single ply systems</i>									

Key: HA = Hot Applied CA = Cold Applied HW = Heat Weldable SA = Self Adhered MF = Mechanically Fastened IW = Induction Weld BA = Ballasted AD = Adhered

Energy and the Environment

Maximum VOC	300g/l (calculated)
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Physical Properties

Property	Bestile Utility Cement
Asphalt, % of Composition	30 - 80%
Solids Content by Weight	70% - 77%
Weight	7.3 - 7.5 lb/gal (3.3 - 3.4 kg/l)
Drying Time @ 70°F (21°C), 50% RH	6 hours

Codes and Approvals

- SS-C-153, Type 1 Federal Specification

Precautions

Johns Manville Bestile Utility Cement is a combustible material and should be shipped and stored away from open flames, heat or sources of ignition. Keep all pails tightly sealed while in storage. It should be used only in well-ventilated areas. It may cause eye, skin and respiratory irritation, and is harmful or fatal if swallowed. Avoid contact with skin. Use impervious clothing and rubber gloves to avoid prolonged or repeated contact with skin. Read the container label and follow all safety instructions.

Installation/Application



Notched Trowel

- Apply between 40°F and 100°F (4°C and 38°C). Do Not Thin.
- All surfaces must be swept clean and be free from oil, grease, rust, scale, loose paint and dirt. No mixing is required. Using a trowel, apply at a 1/8" (3 mm) thickness. Work the cement to a feather edge to allow surface drainage. Apply cement liberally in joint areas, seams or cracks. It is recommended where possible that large repairs be reinforced with roofing membranes or glass fabric. For best results in cold weather, keep unopened containers in a warm area for at least 24 hours prior to application.
- All equipment can be cleaned with mineral spirits. Clean hands with waterless hand cleaner.

Packaging and Coverage

Container Sizes	4.75 gal (17.9 l) pail
Shipping Weight (approx.)	48.7 lb (22.1 kg)
Coverage Rate*	12.5 ft ² /gal (0.307 m ² /l)

* Coverage, open and dry time rates can vary dramatically depending on the particular substrate and environmental conditions. Coverage rates stated herein are approximate only.

Storage

Shelf Life	24 months from manufacture date
Storage Conditions	Clean, dry, indoor environment in an unopened container
Temperature Range	60°F – 80°F (16°C – 27°C) - Protect from freezing