

Description

Republic CONTOURFLASH is a self-curing, Neoprene sheet membrane that can be molded or fitted to any configuration right on the job.

Uses

- Gutter linings in renovation work
- Expansion joints and flashing in BUR systems
- Flashing details and moving cracks in liquid applied waterproofing systems
- Through-wall flashings
- Metal building roof joints and penetrations
- Skylight flashing
- Cable wrap
- With irregularly shaped surfaces

Advantages

- Used with hot asphalt or a Neoprene adhesive, CONTOURFLASH provides a tough, durable, watertight seal that is unaffected by adverse climactic conditions or chemical attack.
- CONTOURFLASH stays flexible from below -40°F (-40°C) to $+220^{\circ}\text{F}$ (103°C) without softening or embrittlement.
- It accommodates movement in the structure or substrate.
- The CONTOURFLASH can be embedded or fitted to elastomeric watertight material.
- Will not support combustion.

Surface Preparation

All surfaces on which CONTOURFLASH is to be applied should be clean, dry, free of voids, projections, loose material, oil, grease and other foreign contaminants.

Application Instructions

ADHESIVE – Carefully cut, trim and fit CONTOURFLASH before installation. Apply Republic N-7 Adhesive and CONTOURFLASH to curbs, vertical surfaces at walls, parapets, and penetrations through roof deck and other substrates to be covered by CONTOURFLASH.

Technical Information

Specific Gravity (ASTM D 1475)	(Black) 1.4. (Gray) 1.6.
Weight	(Black) 0.43 lb./sq. ft. (Gray) 0.52 lb./sq. ft.
Adhesive	N-7.
Thinner & Cleaner	N-450-1 or N-450-13.
Elongation @77°F (ASTM D 2370)	(Black) 300%. (Gray) 750%.
Tensile Strength @77°F (ASTM D 412)	(Black) 1800. (Gray) 1400.
Shore "A" Hardness (ASTM D 2240)	(Black/Gray) 60% \pm 10%.
Weathering	(Black) excellent. (Gray) excellent w/H-10.
Water Absorption	(Black) 1%. (Gray) 5%.
Brittleness Temp. °C	(Black/Gray) -40 .
Tear Resistance	(Black) 175. (Gray) 125.
Resistance to Water Absorption Increase in Weight After 7 days @75°F (23°C)	(Black) 1%. (Gray) 5%.
Storage Flammability	Burns when source of ignition is present; self-extinguishing.
Self Stability	6 months when stored at 75°F (23°C) out of direct sunlight and exposure.
Available in Roll Size	6", 12", 18", 24", 36", 48" wide by 100 ft. long.

CONTOURFLASH

Neoprene Sheet

After both adhesive surfaces have properly dried, carefully position the CONTOURFLASH, pressing firmly into place, and working it neatly and uniformly at junction of vertical surface and roof deck, corners, etc., without excessive stretching in any direction.

Do not move CONTOURFLASH after initial contact is made. Roll and stitch the CONTOURFLASH to obtain positive contact to the substrate and to remove any air bubbles or fishmouths that might be present.

Black CONTOURFLASH should not be topcoated with Hypalon®. Use gray CONTOURFLASH topcoated with 2 coats of Republic H-10 Liquid Hypalon Coating whenever a color other than black is desired.

ASPHALT – (To be used only on that portion which is tied into the BUR) Apply hot asphalt or pitch at a minimum of 400°F (202°C) over the BUR plies in the area to be flashed. Immediately position the CONTOURFLASH in the hot bitumen avoiding wrinkling or entrapped air.

Remove blue polyethylene film. Hot mop a strip of 15 pound felt over the edge of flashing, allowing a minimum 6-inch lap on the deck and flashing. Flood coat the felt strip with hot bitumen. Add aggregate if desired.

GRAY CONTOURFLASH WITH HYPALON – All exposed gray CONTOURFLASH must be top coated with 2 coats of H-10 of the desired color at a rate of 3/4 gallon per 100 square feet per coat.

The surface of the CONTOURFLASH must be free of dust, dirt, moisture or other contaminants before coating with Hypalon color coats. Wipe the surfaces to be coated with clean cloths using Republic N-450-1 or N-450-13 Thinner & Cleaner.

Allow the first coat of Hypalon to dry until tack-free before proceeding to the second coat. Delay between first and second coat should not exceed 48 hours.

Limitations

CONTOURFLASH should not be used with cold roofing cements or mastics containing naphtha or naphtha-like solvents.

Do not use N-7 Adhesive when tying into the BUR portion of a roof.

Technical Services

Technical advice or service on suitability of material for specific application or end-use requirements is available from the manufacturer. Refer to Material Safety Data Sheets (MSDS) for additional precautionary information.

The Republic Powdered Metals Coating & Lining Systems Philosophy

There are no short-cuts to success and no “cure-all” products in the corrosion protection business. A “system” approach is the only means to achieving long-term protection. Republic has the necessary primers, adhesives, sealants, and caulking compounds that are compatible with a wide variety of protective coatings and linings to provide a complete system of protection for abrasion, corrosion and chemical attack problems.

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