



# Monarflex Blue Monobond Joint and Lap Sealant

## DESCRIPTION

Blue Monobond is a permanently flexible butyl-based joint tape for use with Monarflex Scaffold Sheeting and Ground Membranes. This double sided, self-adhesive tape is an integral part of various Monarflex membranes as it provides a seal where two membrane sections overlap, creating an air and water tight system. Blue Monobond is perfect on above and below grade as well as indoor and outdoor applications.

## PRODUCT ATTRIBUTES AND CHARACTERISTICS

- Sealed joints mean minimized sub-grade air and moisture intrusion to the building interior
- Prevents air, vapor, water and gases from entering the enclosure assembly or building interior

## APPLICABLE STANDARDS, RELATED REFERENCES

- ASTM D882 - Test Method For Tensile Properties
- ASTM E96 - Test Methods For Water Vapor Transmission of Materials
- Refer to "Environment Protection Agency (EPA)" for hazardous land areas (zones) in the country with respect to Radon gas

## PACKAGING

- 12 Rolls per Case, 75 linear feet per Roll; 1800 linear feet per Case

## MATERIAL COMPOSITION

- Butyl-based, non-hardening, permanently flexible, self-adhering, high performance sealant

## MEASUREMENTS

- Thickness: .079 in. (2 mm)
- Sizes: 1" (51 mm) x 78" (1981 mm)

## COLOR

Dark Blue

## PREPARATION WORK

- Membrane sheeting needs to be clean, dry and free of oil, dust and debris at overlap attachment sites
- Clean and prepare subsoil membrane to receive sealant
- Do not apply components to surfaces unacceptable to manufacturer
- Seal joints with sealant tape

## TECHNICAL DATA

PROPERTY	TEST METHOD	RESULTS
Thickness	—	2 mils
WVTR	ASTM E96	0.01 g/h-ft <sup>2</sup> (0.007 g/h-m <sup>2</sup> )
Elongation	ASTM D882	400 % at 0.13 in/ft (10 mm/m)
Chemical Resistance	—	Resistant to diluted acids and alkali
Joint Movement	—	20%
Application Temperature	—	10°F to 140°F (-12°C to 60°C)
Service Temperature	—	-40°F to 195°F (-40°C to 90°C)
Toxicity	—	Non-toxic
UV Resistance	—	Very good

## APPLICATION

- Roll out membrane to minimize wrinkles and bubbles
- Overlap edges and ends
- Apply tape to bottom surface, remove release tape, set upper membrane flap on tape - encourage seal with a roller pressure
- Weather lap membrane joints on sloped substrates
- Seal items protruding through or penetrating membrane with sealant compatible to tape

## COVERAGE

- Seals membrane joints for 78 linear feet (1981 mm)

## LIMITED WARRANTY

CARLISLE COATINGS & WATERPROOFING INCORPORATED (CARLISLE) warrants this product to be free of defects in workmanship and materials only at the time of shipment from our factory. If any CARLISLE materials prove to contain manufacturing defects that substantially affect their performance, CARLISLE will, at its option, replace the materials or refund its purchase price.

This limited warranty is the only warranty extended by CARLISLE with respect to its materials. There are no other warranties, including the implied warranties of merchantability and fitness for a particular purpose. CARLISLE specifically disclaims liability for any incidental, consequential, or other damages, including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever.

The dollar value of CARLISLE's liability and buyer's remedy under this limited warranty shall not exceed the purchase price of the CARLISLE material in question.