



DUROTECH SEAM TAPE

MULTI-PURPOSE RUBBERISED ASPHALTIC TAPE

The Durotech Seam Tape membrane consists of a 100mm wide x 1.5mm thick rubberised asphalt membrane laminated to a polyethylene film reinforcing. A removable release paper protects the adhesive membrane face until removed during installation.



Key Benefits Summary

- Effectively seals HDPE liner face of Durotech products.



Usage/ Purpose

- Durotech Seam Tape is used primarily for sealing the seams of Durobentonite 100 for applications when floodtesting is desired. It is used on all seams of Saltwater applications. The inherent adhesive and waterproofing properties of the rubberised asphalt membrane effectively seals the HDPE liner face of Durobentonite products to render the bentonite a secondary back up.



PACKAGING

- 100mm x 23m

TECHNICAL INFORMATION

Physical Properties

Value

Test Method

Tensile Strength

250 psi 1723 kPa

ASTM D-412 (c)

Elongation

350%

ASTM D-412 (c)

WVT at 27°C

0.1(max)*

ASTM E-96(B)

Peel Adhesion

Note #1

Pliability

Passes @ -32°C

ASTM E-96(B)

Burial (16 weeks)

Unaffected

GSA-PBS 07111

Hydrostatic head
(*gr/sq.ft/hr./in.Hg)

45m min.

LIMITATIONS :

- ◆ Not recommended in areas where membrane will be subject to continuous exposure to sunlight. Optimum results are obtained when tape is installed above 5°C and below 32°C.

INSTALLATION

Preparatory Work:

Wipe HDPE surfaces of Durobentonite membrane clean with a soft cloth. Use cleaning solution if needed. Make sure surface to which Durotech Seam Tape is to be applied is clean and dry. Temperature should be 5°C for best results. Roll press the tape firmly into place using a hand roller.

Procedure:

Unroll tape and place into position. Working from one end, remove 300mm of release paper and press into place. Once tacked into place at one end, remove remaining release paper while hand pressing the tape into place. Take care not to stretch the tape. Finish by roll pressing the tape firmly into place using a hand held metal roller. For complete details, refer to applicable detail booklet.

Floor Testing:

Plug drains and provide necessary barriers to contain flood water. Flood deck with 25mm head of water and allow to stand for one hour. Check for leaks and immediately make repairs if required. Retest after repairs have been made, allow to stand for 24 hours, then make repairs if required.

FOOTNOTES FOR TECHNICAL DATA :

- ◆ Durotech Seam Tape is applied over the seam of Durobentonite 100. Durobentonite 100 should be wiped clean and free from dust or moisture.

STORAGE :

Store in dry area.

SHELF LIFE :

Durotech Seam Tape has an indefinite shelf life.

HEALTH & SAFETY PRECAUTIONS

The Material Safety Data Sheet (MSDS) must be read and understood prior to use.

GUARANTEE/ WARRANTY

Durotech products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Durotech written instructions and (b) in any application recommended by Durotech, but which is proved to be defective, will be replaced free of charge.

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