

## TECHNICAL BULLETIN

VT-06-06

Replaces VT-04-04



# VapAirTAPE

**Description :** VapAir-Tape is a self-adhesive tape specifically designed for

VapAirB'ORD system.

VapAir-Tape is composed of an SBS modified bitumen layer with a surface covering made-up of a woven HDPE fabric laminated between two layers of HDPE film. The tape's bottom self-adhering face is coupled to a peelable siliconized paper.

**Product :**

- LENGHT : 25 m. (83 ft.)
- WIDTH: 75 mm (3 in.), 150 mm (6 in.), 225 mm (9 in.)  
300 mm (12 in.), 450mm (18 in.), 900mm (36 in.)
- THICKNESS: 1mm
- GRADE : - Winter : - 10° C. to + 10° C.  
- Summer: over + 10° C.

- STORAGE : Keep in a dry environment and shelter from exposure to the elements.

## INSTALLATION INSTRUCTIONS :

**CONDITIONNING:** VapAir-Tape must be maintained at a temperature above 18° C. (65° F.) for 48 hours prior to installation until its application at a temperature above -10°C.

- **SURFACE PREPARATION :** The surface to be covered must be clean and free of dust, moisture, dirt or any other matter that may hinder adhesion.
- **PRIMER :** On surfaces requiring joint treatment and / or not covered by VapAir-Stick primer. Allow primer to dry and cover immediately with VapAir-Tape joint sealing tape of appropriate width.
- **APPLICATION :** Applied VapAir-Tape joint sealing tape of appropriate Width to joints by removing peelable paper and adhering tape to substrate's surface. To ensure complete adhesion, apply pressure to the tape's surface using a roller. Application on walls must be from the bottom up. Take strips along vertical joints must overlap tape strips applied to lower horizontal joints. Seal joints between panels within reasonable delay. Use the appropriate tape grade according to the temperature prevailing at the time of tape application. Cover within seven days with insulation, installation area completed.

# VapAirTAPE

---

## Properties :

Property	Standards	VapAir-Tape
Thickness	-	0.8 mm
Flexibility at low temperatures (C)	ASTM D 1970	- 35
Resistance to static surface perforation (N)	ASTM D 5602	400
Tear resistance, L / T (N)	ASTM D 5601	375 / 400
Tensile strength, film, L / T (MPa)	ASTM D 5147	16 / 21
Tensile strength, membrane, L / T (MPa)	ASTM D 5147	75 / 98
Water absorption (%)	ASTM D 5147	0,1 max
Adhesion (N / m)	ASTM D 1876	2 000
Peel resistance (N / m)	ASTM D 903	+1 200
Air permeability (system) (L / s m <sup>2</sup> ) ( @ 75 Pa pressure difference)	ASTM E 96	- 0,007
Water vapour permeability (ng / Pa-s-m <sup>2</sup> )	ASTM E 96	- 0,01

**Note :** In light of advances in knowledge and technology, TopB'ORD systems inc reserves the right to modify without prior notice the composition and the conditions of use of its materials. Consequently, an order will be accepted under the conditions and specifications in effect on the day it is received.