

## Data Sheet

# S/W Green Tint Vapour Barrier

### Description

Principal Extra 300S/W and Super 125C/F Green Tint Vapour Barrier is used to control interstitial condensation within the fabric of a building and to increase the air tightness of the structure by restricting the passage of warm, moist air.

This is especially important when the barrier is used to control the passage of moisture laden air permeating into the roof void of the property where a cold roof has been designed.

The membrane is manufactured from virgin polythene with a green tint in 300mu and 125mu thicknesses and in roll sizes of 4.0m x 50m (125mu) centre folded roll and 2m x 50m (300mu) single wound roll. The membrane is produced by the blown extrusion process.

### Installation

Principal Vapour Barrier should be installed in accordance with the recommendations of BS5250: 2002 Code of practice for control of condensation in buildings'. Principal Vapour Barrier should be installed on the "warm" side of the insulated structure and all penetrations and overlap seams must be sealed with tape to ensure a continuous barrier.

### Technical Data

Nominal Characteristics - Extra 300S/W Green Tint Vapour Barrier		
Mean Thickness	300 (mu)	(mean +/- 12% single value 80% of norm)
Roll Width	2m	(width range = +/- 2.5%)
Roll Length	50m	(width range = +/- 5%)
Roll Weight	27.6kgs	(weight range = +/- 10%)
Nominal Characteristics - Extra 125C/F Green Tint Vapour Barrier		
Mean Thickness	125 (mu)	(mean +/- 12% single value 80% of norm)
Roll Width	4m	(width range = +/- 2.5%)
Roll Length	50m	(width range = +/- 5%)
Roll Weight	23kgs	(weight range = +/- 10%)
Samples of the 300mu membrane have been tested which showed the following typical values:		
Test (300mu)	Method	Mean Results
Water Vapour Resistance (MNsg-1)	BS3177 25 deg c 75% RH	530 MNs/g