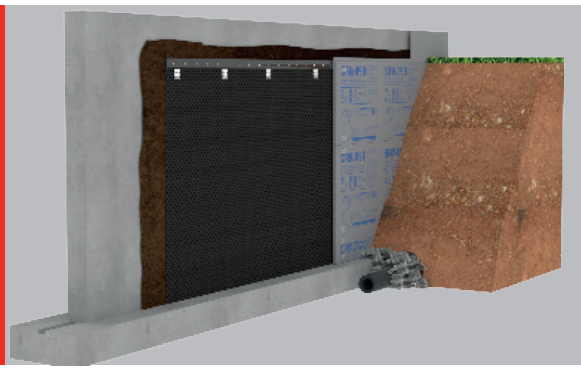
RESISTO

DRAINAGE BOARD



Rugged, dimpled high density polyethylene board used as drainage board for foundations and as a vapor barrier for floors.

- **Creates an air space which allows the concrete to breathe while controlling humidity**
- **Insulates cold and wet concrete basement floors**

PRODUCT PURPOSE

Application	Drainage
Building Part	Foundations
	Flooring
Substrates	Concrete

PRODUCT CHARACTERISTICS

Reinforcement	High density Polyethylene
Installation Method	Mechanically fastened

PACKAGING

Code	Width		Length		Thickness		Net Area		Quantity (per pallet)
	m	ft	m	ft	mm	mils	m^2	ft^2	
57100	1.13	3.71	15.20	50	0.86	34	17.18	185	24
57101	1.65	5.5	20	65.6	0.86	34	32.95	355	12
57102	1.83	6	20	65.6	0.86	34	36.6	394	12
57103	1.98	6.6	20	65.6	0.86	34	39.6	425	12
57104	2.07	6.95	20	65.6	0.86	34	41.34	445	12
57105	2.21	7.3	20	65.6	0.86	34	44.2	476	12
57106	2.44	8	20	65.6	0.86	34	48.77	525	12
57107 (DT - Double tap)	2.44	8	20	65.6	0.86	34	48.77	525	12

PROPERTIES

Properties	STANDARDS	DRAINAGE BOARD
Thermal Resistance	-	R 0.63
Water Vapor Permeability	ASTM E96	0.452 perms (25.8 ng/Pa.s.m^2)
Air Volume/dimple side	-	4.0 l/m^2 (1 gal/vg^2)
UV Stabilization	-	Minimum 2% carbon black content
Recycled plastic content	-	+ 85%
Overall thickness	-	6.11 mm (240 mils)
Compressive strength	ASTM D6364 (modified)	278 kPa (5 806 psf)

(All values are nominals)

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INSTALLATION

Storage	Rolls should be stored upright.

Required Products	ELASTOMERIC SEALER

Tools Required		Knife		Concrete screws 41 mm (1 ⅝ in)
		Concrete nails 32 mm (1 ¼ in)		
Equipment Required	Concrete nailer		Wireless screwdriver	

Surface Preparation	Break off all ties and projections from the wall and clear stone and debris from the footing. Seal tie rod holes with mastic. Parge block walls.
Installation	1. Chalk a line at finished grade around the foundation and run a generous bead of caulking 25 mm (1 in) below the line. 2. Working from left to right, unroll the board, dimples toward the wall, smooth tab at the top, following the chalk line. The board must cover the foundation walls extending from the base to the finished grade. 3. Attach the metal fasteners 30 cm (12 in) from each other along the top of the membrane. Attach the metal fasteners to the two upper rows of dimples of the board so that the strip continues to be smooth and firm against the wall. Hammer a nail in the centre of the small hole between the dimples. Alternatively, fasten using plugs and nails driven into the second and third row of dimples 20 to 30 cm (8 to 12 in) from each other. 4. Smoothly secure the tape using a MOULDING at the top.
Tricks / Tips	The MOULDING seals the open areas of the membrane where dirt may accumulate and clog the drains. Generally, these areas are the starting point and end point of the installation. Caulking is not necessary if the bead is used with metal fasteners, because the MOULDING forms a continuous seal to the upper part of the membrane.

CCMC #14472-R for DRAINAGE BOARD as damproofing
CCMC #14410-R for DRAINAGE BOARD as wall drainage systems
Technical datasheet 221219RCANE