

SUPREME DRAIN BOARD

GEOCOMPOSITE DRAINAGE PROTECTION FOR BELOW GROUND STRUCTURES

PRODUCT DESCRIPTION

SUPREME DRAIN BOARD (PC 2115) is a high performance drainage cover that features a tough dimpled HMHDPE sheet with needle punched non woven polyester geotextile with outstanding filter characteristics adhered to one of its faces. It enhances the effectiveness of a waterproofing system by providing a continuous path for water discharge, channeling away the sub-surface water and thereby reducing the potential for building up of hydrostatic pressure against the structure. The nonwoven geotextile restricts the passage of soil particles and avoids clogging of drainage core but permits water to percolate through it. **SUPREME DRAIN BOARD** acts as a stand-alone waterproofing system in low risk applications and can be installed directly and as a protective barrier or effective protection course over waterproofing membranes.

STANDARDS

SUPREME DRAIN BOARD conforms to the requirement of EN ISO Standards.

SURFACE FINISH

The top surface of the membranes is covered with a non woven polyester geotextile fabric. The bottom surface comprises of dimpled depressions of the protruded lumps

PRODUCT PROPERTIES	UNIT	SUPREME DRAIN BOARD
Thickness	mm	8
Mass per unit area	kg/m ²	0.65
Tensile Strength, L/T	kN/m ²	15/14
Elongation at break, L/T	%	100/70
Water Permeability	m/s	0.0614-0.00921
Compressive strength	kN/m ²	180+/-20%
Temperature range	°C	-30 to +80
Drainage capacity, compression at 200 kPa	10 ⁻⁴ m ² /s	22
Puncture resistance	kN	2.5
Nodule volume of air	1/m ²	5.9

ADVANTAGE

- Fast and easy installation
- Non directional fiber structure for horizontal or vertical installation
- Totally impermeable to water, repels water and does not rot
- Highly resistant to tear, puncture and chemicals
- Unaffected by environmental stress cracking
- Highly effective in eliminating hydrostatic pressure on any subsurface structure

AREA OF APPLICATIONS

- Basements and foundations
- Tunnels and underpasses
- Underground car parks
- Retaining walls
- Podium/ plaza decks and terraces
- Roof gardens

APPLICATION METHODOLOGY

Mechanically attach the Supreme Drain Board to the substrate with specialized fastener with its flat side installed against the membrane. For vertical below grade applications a termination strip must be attached to the edge of air gap membranes to prevent water infiltration.

PACKAGING

Available in roll size of 2.1m x 20m

The technical data provided here is the average result of the tests carried out in our in-house **SUPREME BITUCHEM CONSTRUCTION CHEMICAL** laboratory on **SUPREME DRAIN BOARD**. **SUPREME BITUCHEM** reserves the right to change or modify the data without prior notice. All reasonable care has been taken in compiling the data that to the best of knowledge is accurate and true. All recommendations are made in good faith. We can accept no responsibility and no warranty is implied with regard to any of the recommendations made in the technical data sheet, since the conditions of actual use and the labour involved are beyond our control. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

Our Products & Services

- ▶ APP & SBS Specialized Waterproofing Membranes
- ▶ Specialized Products for Highways & Road Surfacing
- ▶ PU Bituminous Waterproofing Liquid Membrane
- ▶ Anticorrosive Coating and Tapes
- ▶ Construction Chemicals and Building Materials
- ▶ Specialized Civil & Waterproofing Contracts
- ▶ Admixtures, Sealants and Grouts
- ▶ Thermal Insulation Products
- ▶ Complete Range of Bituminous Products

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