

DipSystems

Retaining Wall Waterproofing Protection Board



Retaining Wall Applications

Man-7: Waste Management Compliant
Emi-4: Insulant ODP Compliant

DipSystems
Insulation **D**

Physical Address

Number 3
6th Avenue
Maraisburg, Randburg
Gauteng, South Africa

Contact details

Tel: +27 11 472 8051
Fax: +27 86 679 4271
Email: info@dipsystems.co.za
Website: www.dipsystems.co.za





Retaining Wall Waterproofing Protection Board

The board has numerous features and may be utilised in various applications in a number of different markets. The material is versatile, cost effective, friendly to the environment and unique in all installations. The use of a woven polypropylene in conjunction with this board is essential to the success of the system.

The **Drainage Insulation and Protection Board** is compliant as per “**Green Star Compliance**”;

- ✓ **EMI-04 Insulant ODP:** The blowing agent used in the manufacture and composition of the EPS is pentane. The product therefore has an Ozone Depleting Potential (**ODP**) of zero, and is compliant with the **EMI-04** requirements of the green Star SA rating tool.
- ✓ **DipSystems** can further contribute to the Waste Management (**Man-07**); any waste EPS generated at site is due to cut back by us and recycled into the manufacturing process. This will help the contractor

Key Design Benefits

- Improves waterproofing
- Protection against damage to waterproofing system
- Excellent sound proofing quality
- Alleviates water pressure and hydrostatic pressure build-up
- Excellent compressive strength (32 – 50DV), ensures equal transfer of load without damage
- Highly effective drainage layer
- Ease of application, lightweight and no mechanical fixings required (water based adhesive)
- Chemical resistance to most acids, alkalis, bacteria and micro organisms
- Anti-root (if required)
- Non perishable
- Economical
- Ship lap jointed
- Environmentally friendly

Applications

Retaining Walls

Ensures effective protection, drainage and prevents hydrostatic build-up by draining and deflecting water into sub-surface agricultural drains and sumps.

Planters

Ensures effective control of water flow, protection against root penetration and mechanical damage.

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Standard Specification for BOQ:

"DipSystems Retaining Wall Waterproofing Protection Boards, Lap-Jointed, Density 24 kg/m³, 1260 mm by 875mm and 16 or 25 mm, placed against the retaining wall waterproofing system with an additional PT115 woven geotextile filter fabric layer."

Detailed applications specific specifications will be provided on request.

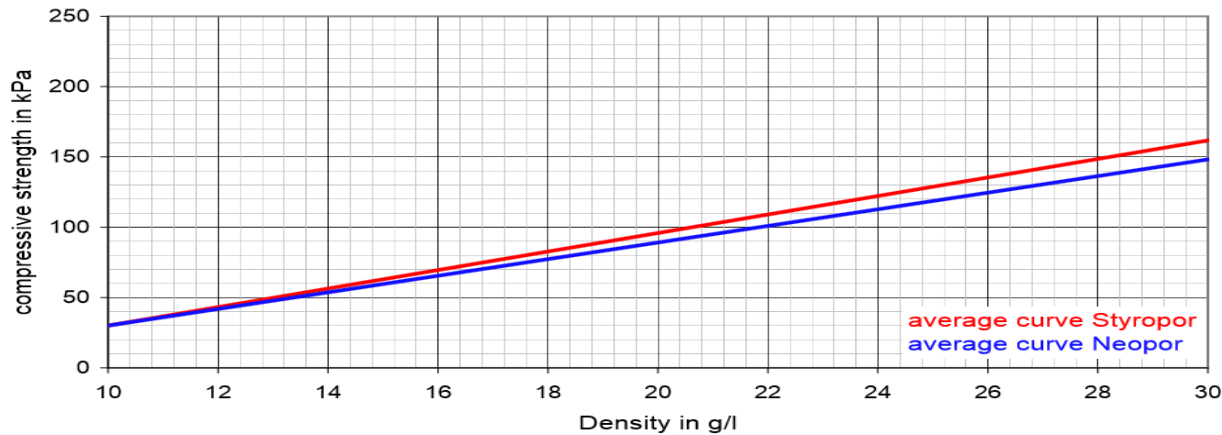
Board Description

- ✓ Size: 1260 X 875 mm
- ✓ Area: 1.100 M²
- ✓ Edge: Lap Jointed
- ✓ Drainage Capacity: 10 L / M²
- ✓ Water Storage Capacity: 3.2 L / M²
- ✓ Colour: White
- ✓ Material: EPS

Board Laying Procedure

Attach to waterproofed retaining wall using a rubberised bitumen

Board Compressive Strength (kPa)



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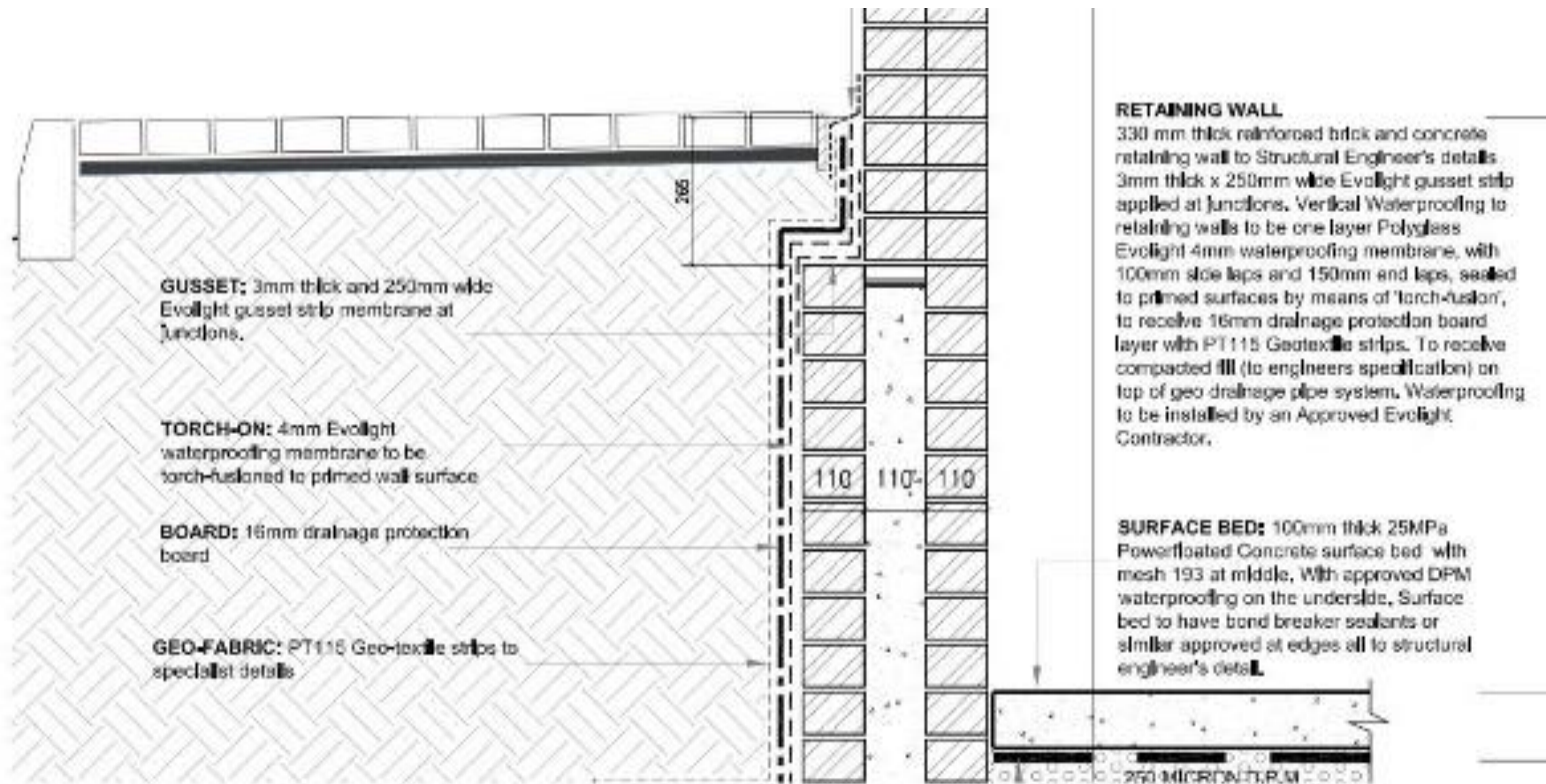
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