

EUROGARD PROTECTION & OVERLAY BOARDS ARE TOUGH, SLIGHTLY FLEXIBLE, ABRASION AND PUNCTURE RESISTANT BITUMINOUS BOARDS, COATED ON BOTH SIDES WITH A POLYETHYLENE FILM AND FIBREGLASS RE-ENFORCING FABRIC.

Eurogard Protection & Overlay Boards are recommended for use in both horizontal and vertical situations to protect waterproofing systems from damage associated with vehicular and pedestrian traffic, backfilling, and mechanical damage caused by subsequent construction activities.

1. APPLICATIONS

In conjunction with Waterproofing Systems for

- Basements and Foundations
- Tunnels and Underpasses
- Underground Car Parks
- Retaining Walls
- Roof Gardens
- Overlaying Flat Roofs
- Planter Boxes
- Floor Slabs
- Plaza Decks & Terraces

2. COST BENEFITS

- Lightweight and easy to handle. Simple and rapid application techniques.
- Low installed cost - Economic alternative to similar systems.
- Acts as a durable protection layer to conventional waterproofing. Prevents subsequent costly construction damage
- Long service life.

3. GUARANTEED DURABILITY

Standards

When used in conjunction with a suitable waterproofing system, this product offers levels of protection required for below ground structures described in BS 8102 : 1990, grades 1,2,3 and 4

Durability

The product is impervious to water, and when fully protected from UV exposure has a design life in excess of 20 years

Resistance to Mechanical Damage and Displacement

Eurogard Protection & Overlay Boards are highly resistant to all forms of mechanical damage and will resist all normal construction activities. Care should be taken during backfilling however to avoid displacement.

4. TYPICAL PHYSICAL & PERFORMANCE DATA

Standard Thickness	3.5 mm
Board Dimensions	1m x 2m
Weight	9.00 kg
Pallet Loading (3.5mm)	240 sheets
Puncture Resistance ASTM E154 (3.5mm)	> 1500 N/32 mm

Dimensionally stable - Resistant to normal weathering conditions.

Highly resistant to sulphates, chlorides and other aggressive ground chemicals.

Non-Biodegradable

Eurogard Protection Boards 6.5mm available to order.

5. INSTALLATION

Installation and Fixing

In horizontal applications, Eurogard Protection & Overlay Boards are loose laid, with joints butted together. Joints should be over-taped with Euroseal Weld Tape to help secure the board in place.

For vertical applications, EP Protection & Overlay Boards can be temporarily held in place using Euroseal Weld Tape. Three strips of tape should be positioned parallel to the longest side of the board and spaced evenly. Remove the plastic release paper and press the boards firmly into position. Where necessary, joints should be over-taped with Euroseal Weld Tape to prevent aggregate and sand from contaminating the protected surface.