

NL310 Drainage Board Product Data Sheet

Product Description

NL310 is a reinforced drainage that withstands higher loads without effectively allow compressing. to the passage of excess water to roof drains. It is lightweight, flexible and consists of a post-industrial recycled polypropylene drainage core of fused, entangled filaments and a geo-composite fabric bonded to one side. It has tensile strength superior to high density polyethylene and a low moisture absorption rate. Polypropylene has excellent resistance to organic solvents, degreasing agents, acids, alkalines, and staining. The entangled polypropylene filaments are molded into a square waffle pattern.



Technical Data	
 Mechanical Properties Material Thickness (mm) Weight (g/m2) Compressive (kN/m2)ASTM D1621 Puncture Strength filter 1 (kN) Puncture strength filter 2 (N) Trapezoidal Tear filter 1 (kN) Trapezoidal Tear filter 2 (N) Recycled Content (%) 	Polymer 11.43 803.7 >1436.4 0.31 0.357 0.22 155.0 40
Packaging Properties • Length (m) • Width (m) • Area (m2) • Color • Diameter of roll (m) • Length of roll (m) • Weight of roll (kg)	30.5 0.99 30 Grey/black 0.68 0.99 29.1

Recommended Application

- Install NL310 with the black filter which extends to one side of the core facing up.
- Lay extension over the next row to cover the joint between adjacent rows.
- Start the next row with a slightly shorter roll so the end joints stagger between adjacent rows.
- Cut and fit tightly along roof edge and around penetrations. Cover immediately to avoid damage from UV radiation or displacement by wind.

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