

Product Description

NL512 Retention Fleece is a water retention vegetated system component made of 100% recycled polyester fiber, mechanically bonded without any chemical or thermal treatment. NL512 increases the water holding capacity of a vegetated system while adding less weight than traditional rooftop growing medium.



Technical Data

Mechanical Properties

▪ Material	Recycled Polyester
▪ Thickness (mm)	7.7
▪ Dry weight (kg/m ²)	1.10
▪ Saturated weight (kg/m ²)	9.20
▪ Water retention (mm)	8.10
▪ Water retention (l/m ²)	8.10

Packaging Properties

▪ Color	multicolor
▪ Width (m)	1.3
▪ Length (m)	20
▪ Area (m ²)	26
▪ Diameter of roll (cm)	43
▪ Length of roll (cm)	130
▪ Weight of roll (kg)	28.6

Recommended Application

- Unroll NL512 Retention Fleece on top of drainage or ballast.
- Install loose-laid with either side facing up.
- Overlap fleece by 50 mm between adjacent rows.
- Ends of adjacent rolls should be staggered at least 1.8 m during installation to avoid continuous perpendicular seams.
- Cut and fit to the edge of the non-vegetated border zone along the roof edge and around penetrations.
- Cover immediately to avoid displacement by wind.

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