

## 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)	8.20
Dry weight (kg/m <sup>2</sup> )	1.20
Saturated weight (kg/m <sup>2</sup> )	9.30
Water retention (mm)	8.10
Water retention (l/m <sup>2</sup> )	8.10

### Packaging Properties

Color	multicolor
Width (m)	1.30
Length (m)	20.00
Area (m <sup>2</sup> )	26.0
Diameter of roll (cm)	43.0
Length of roll (cm)	130
Weight of roll (kg)	28.60

## 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, on 1<sup>st</sup> layer of retention fleece only. No overlaps are required for subsequent layers.
- 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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