

### 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

▪ Material	Recycled Polyester
▪ Thickness (mm)	7.7
▪ Dry weight (kg/m <sup>2</sup> )	1.10
▪ Saturated weight (kg/m <sup>2</sup> )	9.20
▪ Water retention (mm)	8.10
▪ Water retention (l/m <sup>2</sup> )	8.10
▪ Color	multicolor
▪ Width (m)	1.3
▪ Length (m)	20
▪ Area (m <sup>2</sup> )	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.