

### Product Description

NL501 Needled Mineral Hydro Blanket is a mechanically engineered, fire resistant product consisting of a mixture of basalt, diabase and dolomite. Its physical integrity is achieved solely through the intertwinning (needling) of natural mineral wool fibers to exact specifications. The blanket is made of 100% natural raw material (pure rocks), completely free from organic/inorganic binders, as well as any fiber coatings. Binders leach out, compromising performance; since NL501 does not contain binders, it provides reliable long term water-holding performance as well as the ability to expand and contract freely, unaffected by freeze-thaw cycles.



### Technical Data

#### Mechanical Properties

▪ Material	Basalt, diabase, dolomite
▪ Thickness (mm)	25.8
▪ Density (kg/m <sup>3</sup> )	135
▪ Dry weight (kg/m <sup>2</sup> )	4.1
▪ Saturated weight (kg/m <sup>2</sup> )	28.8
▪ Water retention (mm)	24.9
▪ Water retention (l/m <sup>2</sup> )	24.9

#### Packaging Properties

▪ Color	Sand
▪ Width (m)	1.0
▪ Length (m)	5.0
▪ Area (m <sup>2</sup> )	5.0
▪ Diameter of roll (cm)	35
▪ Length of roll (cm)	100
▪ Weight of roll (kg)	22

### Recommended Application

- Unroll NL501 on top of drainage.
- Install loose-laid with no overlap. Butt joints tightly.
- Start next row with a partial roll so the end joints stagger between rows.
- 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.

The information contained herein is believed by Next Level Stormwater Management to be accurate and is offered solely for the customer's consideration, investigation and verification. Determination of suitability for use is the responsibility of the user. Next Level's limitations, limited warranty, disclaimer and standard terms & conditions apply.