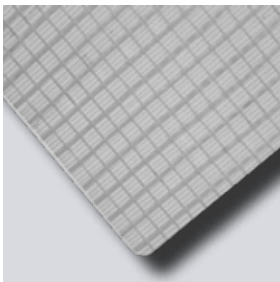


## TECHNICAL DATA SHEET

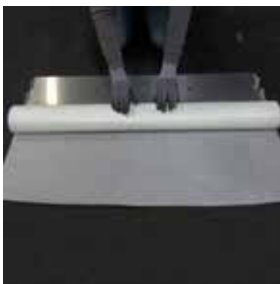
### ND Solar Ballast Support



ND Solar Ballast Support

ND Solar Ballast Support plays a crucial role in the Nophadrain Bio-Solar Roof System. This system is ballasted on the drainage system using the ND Solar Ballast Support in combination with substrate, thereby eliminating the need for attachment to the waterproofing membrane. Another advantage is that the adjustable riser of the mounting system does not need to be pierced through the drainage system.

The ballast placed on it consists of substrate and extensive vegetation. The ballast support is a double-woven geotextile with very high resistance and mechanical strength, ensuring its long-term use as a ballast support. The screw connections of the base plates of the ND Solar Mounting System for Green Roofs can easily pierce through the geotextile. Subsequently, the ND Solar Ballast Support is clamped when the carrier of the ND Solar Mounting System for Green Roofs is placed on it.



ND Solar Ballast Support

The ballast support has a width of 1.25 m and is placed between the raised edges of the base plate of the ND Solar Mounting System for Green Roofs. If it is necessary to overlap the ND Solar Ballast Support, the overlap should be at least 1.0 m. At the end of each row of panels, the ballast support should also extend 1 meter beyond the row itself. The ND Ballast Support can be shortened using the ND Foil Cutter.

#### Application

The ND Solar Ballast Support is a component of the Nophadrain Bio-Solar Roof System. The ND Solar Ballast Support can only be used in combination with the ND Solar Mounting System for Green Roofs, ND Solar Drain Drainage System and the other system components for the Nophadrain Bio-Green Roof System (ND Solar Panel Mounting Profiles, ND Solar Coupling Plates, ND Solar Module Centre Clamps, ND Solar Module End Clamps, and the ND Solar Wind Bracing).

#### Properties

- Material: fibreglass
- Weight: approx. 250 g/m<sup>2</sup>
- Tensile strength (MD/CMD) (hEN ISO10319: 61.69 / 48.47 kN/m
- CBR puncture resistance (hEN ISO 12236): 3.4 kN
- Dynamic performance (cone drop) (hEN ISO 13433): 12.6 mm

Product	Dimension (L x W)	Packaging
ND Solar Ballast Support	approx. 80 x 1.25 m ; or customized	per roll of 100 m <sup>2</sup> ; or customized