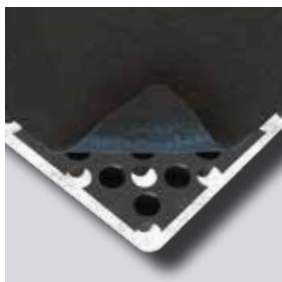


## TECHNICAL DATA SHEET

### ND SolarDrain Drainage System



ND SolarDrain Drainage System

High-quality, CE-marked drainage system for roofs equipped with an extensive in combination with the ND Solar Mounting System for Green Roofs. It is suitable for roofs with standard slope, as well as those with limited fall or inverted roof construction. The drainage system consists of a filter geotextile, perforated drainage core with water buffering and a vapour-permeable separating geotextile. It prevents the build-up of hydrostatic pressure against the waterproofing membrane and protects it from mechanical loads.

#### Application

The ND SolarDrain Drainage System is a component of the Nophadrain Bio-Solar Roof System. The drainage system can only be used in combination with the ND Solar Mounting System for Green Roofs, the ND Solar Ballast Support, and the other system components for the Nophadrain Bio-Solar 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).

The ND SolarDrain Drainage System is also suitable for inverted roofs.

#### Properties

- Material dimpled sheet: recycled, high impact polystyrene (HIPS)
- Material filter geotextile: Polypropylene (PP)
- Material vapour-permeable geotextile: Polypropylene (PP)
- Construction height: approx. 27.5 mm
- Compressive strength: approx. 750 kPa
- Perforation/m<sup>2</sup>: approx. 575 / ø 15.8 mm
- Water reservoir: approx. 5.8 l/m<sup>2</sup>
- Weight: approx. 1,600 g/m<sup>2</sup>
- Drainage capacity i = 1 (20 kPa): approx. 15.70 l/(s.m)
- Drainage capacity 2 % fall (20 kPa): approx. 2.14 l/(s.m)

Product	Dimensions (L x W)	Packaging
ND SolarDrain Drainage System	approx. 20 x 1.25 m	approx. 25 m <sup>2</sup> , roll