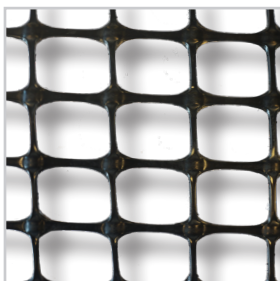


TECHNICAL DATA SHEET

ND ESG-40/40 Erosion Protection Grid



ND ESG-40/40 Erosion Protection Grid

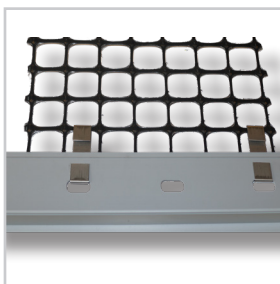
A geogrid for steep pitched roofs with extensive vegetation, for securing the ND Erosion Protection Profile and the ND Erosion Protection Clip, or for attaching the ND SM-50 Substrate Panels. The ND ESG-40/40 Erosion Protection Grid is being placed on top of the ND 100 Drainage System.

Application

The ND ESG-40/40 Erosion Protection Grid is a component of the Nophadrain Extensive Green Roof System – steep pitched roof.

Properties

- Material grid: Polypropylene (PP)
- Tensile test at 2% strain (EN ISO 10319): 14 kN/m (MD) / 14 kN/m (CMD)
- Tensile test at 5% strain (EN ISO 10319): 25 kN/m (MD) / 29 kN/m (CMD)
- Tensile stiffness (EN ISO 10319): 10% (MD) / 9% (CMD)
- Ultimate tensile strength (EN ISO 10319): 40 kN/m (MD) / 40 kN/m (CMD)
- Covering must be completed within one month after installation. The expected service life exceeds 120 years at soil temperatures above 25 °C. In addition, the grid is resistant to highly acidic and alkaline conditions.



Fixation ND ESG-40/40 to ND Erosion Protection Profile with ND Fixation Clips

Product	Dimensions (L x W)	Packaging
ND ESG-40/40 Erosion Protection Grid	approx. 50 m x 1.98 m	approx. 98,75 m ² , roll