

TECHNICAL SPECIFICATION

ND WSB-50 Root Barrier



ND WSB-50 Root Barrier

High-quality, root-resistant plastic sheet on a roll that acts as a root barrier against the ingress of roots in extensive green roofs. The FLL tested 0.5 mm thick plastic sheet is laid loose on top of the waterproofing membrane that is not root resistant. The overlap should be at least 100 mm and has to be heat-welded with a heat gun. The heat gun should be adjusted to the optimum temperature for LDPE foils. In general, the recommendations of the manufacturers should be followed. We recommend a welding temperature of 265/280 degrees.

Applications

The ND WSB-50 Root Barrier is a system component of the Nophadrain Extensive Green Roof System that is used when the waterproofing is not root-resistant.

Properties

- Material: low density polyethylene (modified LDPE)
- Thickness: approx. 0.5 mm
- Weight: approx. 468 g/m²
- Tested: Determination of resistance to root penetration according to hEN EN 13948:2007

Product	Dimensions (L x W)	Packaging
ND WSB-50 Root Barrier	approx. 25 m x 4 m	approx. 100 m ² , roll

NOPHADRAIN®
SMART GREEN ROOF SYSTEMS

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TECHNICAL SPECIFICATION

ND WSB-80 Root Barrier



ND WSB-80 Root Barrier

High-quality, root-resistant plastic sheet on a roll that acts as a root barrier against the ingress of roots in intensive green roofs. The FLL tested 0.8 mm thick plastic sheet is laid loose on top of the waterproofing membrane that is not root-resistant. The overlap should be at least 100 mm and has to be heat-welded with a heat gun. The heat gun should be adjusted to the optimum temperature for LDPE foils. In general, the recommendations of the manufacturers should be followed. We recommend a welding temperature of 265/280 degrees.

Applications

The ND WSB-80 Root Barrier is a system component of the Nophadrain Intensive Green Roof System that is used when the waterproofing is not root-resistant.

Properties

- Material: low density polyethylene (modified LDPE)
- Thickness: approx. 0.8 mm
- Weight: approx. 748 g/m²
- Tested: Determination of resistance to root penetration according to hEN EN 13948:2007

Product	Dimensions (L x W)	Packaging
ND WSB-80 Root Barrier	approx. 37.5 m x 4 m	approx. 150 m ² , roll

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