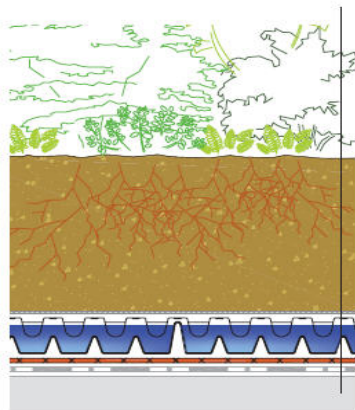


# FLW-1000

PVC root protection layer for additional insulation

## ADVANTAGES

- Root protection and additional insulation
- Suitable for semi-intensive/intensive green roof types or roofs with weathered insulation
- The seams can be joined using a hot welding hand tool or THF solvent.



### Layer components from top to bottom:

- Vegetation
- Vegetation substrate SRM,
- Geotextile filter VLF-200,
- Drainage board DiaDrain-40H/60
- Protection and water retention layer VLS-500
- Root resistant layer **FLW-1000**
- Building infrastructure



## APPLICATION

Root protection layer with additional insulating properties. Ideal for installation on roofs with weathered insulation for greater protection. The seams can be joined using a hot welding hand tool or THF solvent.

## SPECIFICATION

Root protection layer type FLW-1000 (DIADEM) with additional insulation protection, ideal for semi-intensive and intensive green roofs or roofs with weathered insulation, made from PVC-P material, thickness 1.0 mm, with high tensile strength > 700 N/50mm, weight 1.4 kg/m<sup>2</sup> which prevents penetration from plant root systems and protects the insulation infrastructure of the building. Certified by FLL Root Proof Test and DIN 16938, EN ISO 12311-1, EN ISO 12311-2, EN ISO 12310-1, EN 12730, EN 12317, EN 12691).



## TECHNICAL DATA

Thickness (mm)	1.0
Width (m)	2
Length (m)	30
Weight (kg/m <sup>2</sup> )	1.4
Elongation (EN12311-2 method A) (%)	>250
Tear resistance (EN12310) (N)	>200
Tensile Strength (EN12311-2 method A) (N/50mm)	>700



Green Up the Roof!

