

DELTA®-FLORAXX ROOT BARRIER

The membrane is one of the components of DELTA®-FLORAXX GREEN ROOF SYSTEM that is root barrier. It shall be laid on the flat roof ground, between the rootproof waterproofing membrane and the diffusion layer fleece.

The product: DELTA®-FLORAXX ROOT BARRIER

1. Low Density Polyethylene
 - a. **Material:** Low Density Polyethylene (virgin)
 - b. **Colour:** Black
 - c. **Thickness:** 380 µ (450 µ upon order)
 - d. **Weight:** approx. 380 gr/m²
 - e. **Roll weight:** approx. 38 kg
 - f. **Tensile Strength:** MD: 18 M Pa / TD: 15 M Pa
 - g. **Elongation:** (+/- 100): MD: % 650 / TD: % 900
 - h. **Thermal adhesion:** 105-125 °C
 - i. **Dampness:** % 6
 - j. **Brightness:** % 40
 - k. **Roll size:** 25 m x 4 m (25 m x 8 m upon order) (as the rolls are double folded, these sizes are when they are wholly unrolled)

DELTA®-FLORAXX ROOT BARRIER loose laid onto the roof surface covered with waterproofing and if available heat insulation. Installation shall begin at drains. Work outward from the drains, ensuring any overlaps shingle downward to facilitate water flow towards the drains and to minimize water seepage under DELTA®-FLORAXX ROOT BARRIER.

On top of the drains, DELTA®-FLORAXX ROOT BARRIER shall be cut crosswise and turned inside.

The number of overlaps should be minimized. Where overlaps cannot be avoided, they shall be a minimum of 1 m. End laps also shall be overlapped a minimum of 1 m. Wide overlaps help prevent roots from damaging the waterproofing.

Terminate DELTA®-FLORAXX ROOT BARRIER up the parapets or garden roof edge to the anticipated finished level of the growing medium (earth substrate).