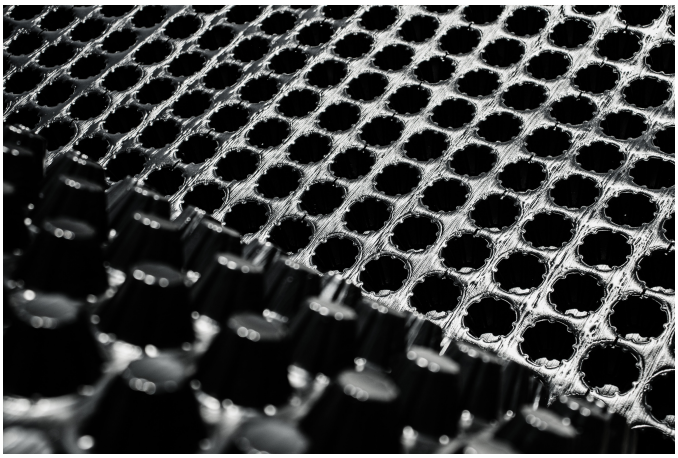
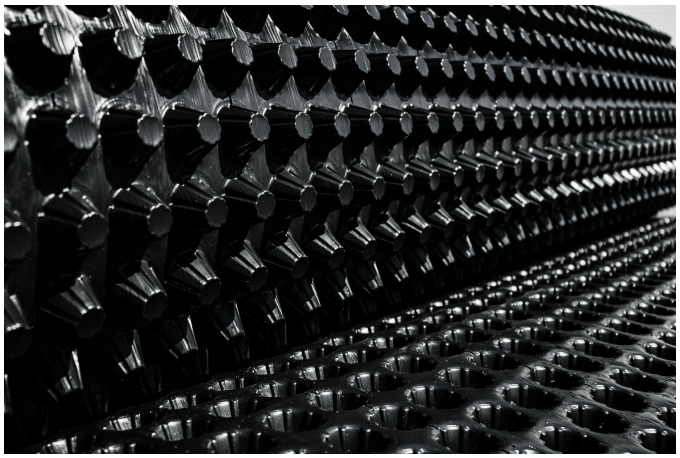
# RESERVE

## Green roof drainage and water storage sheet

RESERVE is a recycled HDPE roll sheet used as the drainage and water storage layer in green roof systems. Its formed reservoirs store water, while the voids beneath the sheet convey excess water towards the outlets. A separate filter geotextile is laid over the upper surface, combining drainage and filtration functions within the roof build-up.



**RESERVE · Cup openings and surface texture**



**RESERVE · Protruding side detail**

Shared product photograph for RESERVE 20 and RESERVE 25 · Image update: 02.11.2026

| 20 / 25 mm | 7.2 / 8.5 L/m² | Recycled HDPE |
|---|---|---|
| Dimple options | Reference water storage | Sheet material |

## Applications

For green roofs, terrace gardens and planted roof areas. Selection takes account of the saturated weight of the upper layers, imposed loads, roof slope and drainage design.

## Installation

Install with the reservoir openings facing upwards over a suitable protection layer. Maintain the continuity of the separate upper filter at joints and edges. Keep roof outlets and drainage paths unobstructed.

# RESERVE

| Technical property | Method / conditions | Unit | RESERVE 20 | | RESERVE 25 | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 20/150 | 20/200 | 25/200 | 25/250 | 25/300 | 25/450 |
| **Raw material** | Manufacturer declaration | - | Recycled high-density polyethylene (HDPE) | | | | | |
| **Colour** | Product description | - | Black | | | | | |
| **Filter layer** | Product configuration | - | Unlaminated; filter geotextile installed separately above. | | | | | |
| **Dimple height** | Geometrical measurement | mm | ≈20 | | ≈25 | | | |
| **Nominal compressive class** | EN ISO 25619-2 | kN/m² | 150 (±10%) | 200 (±10%) | 200 (±10%) | 250 (±10%) | 300 (±10%) | 450 (±10%) |
| **Reference water storage** | Volume measurement | L/m² | 7.2 | | 8.5 | | | |
| **Reference roll dimensions** | Dimensional measurement | m | 2 × 20 | | 2 × 12.5 | | | |
| **In-plane water flow** | EN ISO 12958-2 i:1 20 kPa | L/(s·m) | ≈1.1 | ≈1.1 | ≈1.5 | ≈1.5 | ≈1.5 | ≈1.5 |
| **Air void volume** | Volume determination | L/m² | ≈12.5 | | ≈16.5 | | | |
| **Tensile strength MD/CMD** | EN ISO 10319 | kN/m | MD 9<br>CMD 7 | MD 10<br>CMD 8 | | | | |