

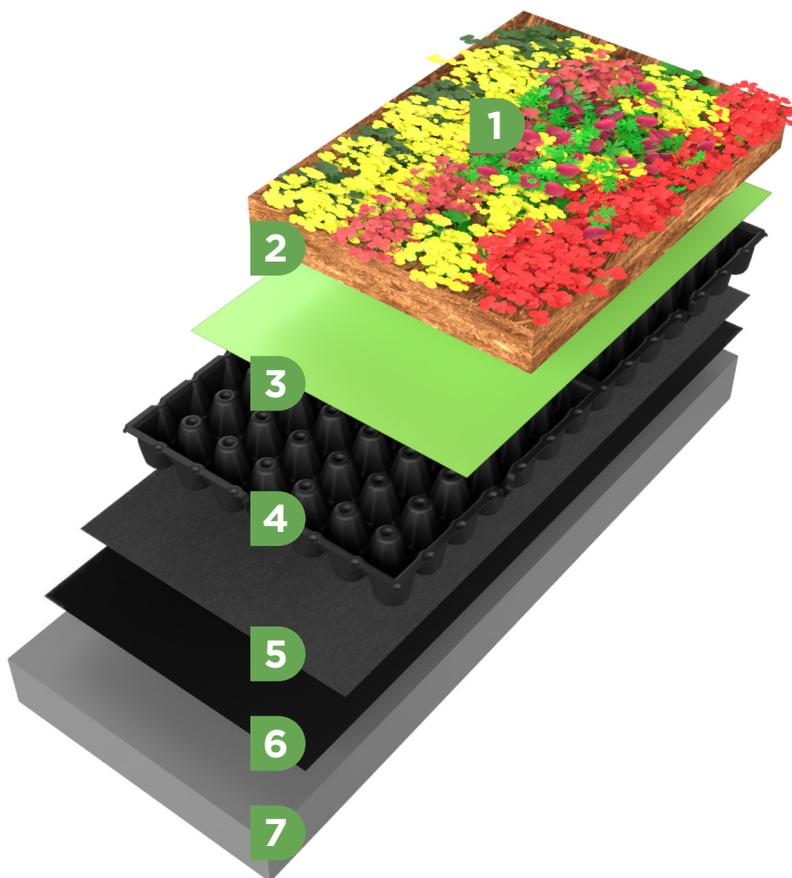
Technical Data Sheet MOY_Filtration Fleece 150g

Product Description / Use:

MOY Filtration Fleece 150g, needle-punched, heat-bonded geotextile.

Key Features:

- Resistant to chemical and biological damage
- Not impacted by UV radiation during installation
- Excellent vertical drainage capability, with effective fine-particle filtering of the substrate
- 80 year resistance in natural soils and 50 years for green roof substrates
- Manufactured from virgin (non-recycled) fibre, with CE certification
- Can be used as a separation layer between non-compatible layers, e.g. PVC and bitumen
- Meets requirements of the FLL green roofing guidelines (geotextile robustness classification above GRK2)



- 1. MOY Vegetation**
- 2. MOY Growing Media**
- 3. MOY Filter layer**
MOY Filtration Fleece 150g
- 4. MOY Drainage layer**
MOY 25mm Drainage & Reservoir Board
- 5. MOY Protection layer**
MOY Protection and water storage fleece 300g
- 6. MOY Waterproofing System**
- 7. Roof construction**



Technical Data Sheet

MOY_Filtration Fleece 150g

Technical Specification:

Technical Data			
		Tolerance	Standard
Material	Polypropylene	-	-
Thickness (mm)	0,8	-0,16	EN ISO 9863-1
Roll length (m)	100	±2%	-
Roll width (m)	2	±0,03	-
Tensile strength (MD/CMD) (kN/m)	12	-1,8	EN ISO 10319
Elongation (MD/CMD) (%)	50 / 65	±20 / ±20	EN ISO 10319
Surface weight (g/m ²)	165	-15	EN ISO 9864
Weather resistance	30 days	-	EN 12224
Characteristic opening size (µm)	60	±30	EN ISO 12956
Color	white	-	-
Water permeability perpendicular to the level (m/s)	0,06	-0,018	EN ISO 11058
CBR (N)	1800	-300	EN ISO 12236
Cone fall test (mm)	28	+5,6	EN ISO 13433
Microbiological resistance (MD/CMD) (%)	100	-	EN ISO 12225

Application:

MOY Filtration Fleece 150g geotextiles are used as a separating layer or a filter layer for multi-layer green roof systems. As a filter layer it prevents fine particles of the substrate being washed out. The vertical water permeability allows it to drain the water through the green roof build-up. MOY Filtration Fleece 150 g/m² is loose laid over the drainage board and overlapped by 100mm - Roll size 2 x 100m. At green roof edges dress fleece up against the inner face of the metal trims. The fleece will then envelope the growing medium. At inspection chambers, install a skirting piece fitted tightly to the body of the inspection chamber, in order to prevent fine particles washing into roof drains.

Delivery form:

Rolls

Storage:

Stored in the original package, in vertical position and under cool and dry conditions between temperatures of +5 °C and +35 °C. They must be protected from direct sunlight, rain, snow and ice.

