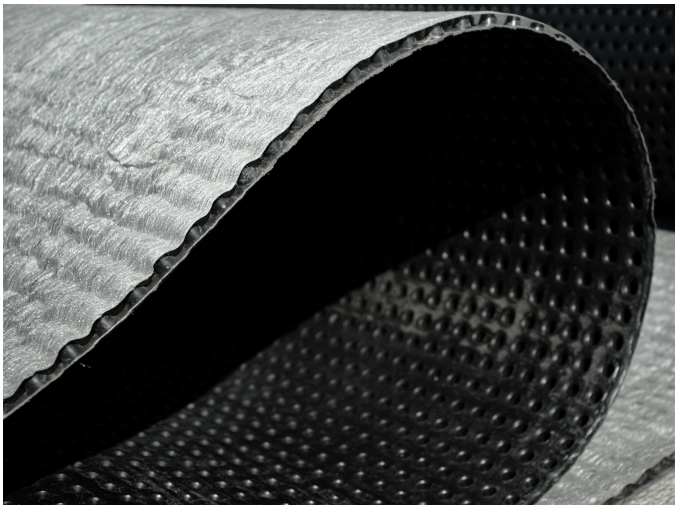
FLOW

Geocomposite drainage sheet

FLOW combines a dimpled recycled HDPE drainage core with a filter geotextile. The geotextile allows water to enter the core while limiting the migration of fine soil particles into the drainage voids. The flow path within the core conveys water towards the drainage outlets specified in the project.



FLOW+ · Curved edge and layer section



FLOW · Roll and layer curvature

Product group photographs · Image update: 02.11.2026

8 / 10 mm	150 - 650 kN/m²	20 / 50 / 100 kPa
Core height	Compressive options	Flow test loads

Applications

For foundation walls, below-ground structures and details requiring a drainage layer. Product selection takes account of normal load, hydraulic gradient and the drainage outlet arrangement.

Installation

Orient the filter towards the incoming water. Maintain filter continuity at joints and connect the lower edge to the drainage outlet. Fixings and overlaps must suit the waterproofing and the project detail.

FLOW

Component	Technical property	Method / conditions	Unit	FLOW 8			FLOW 8+			FLOW 10+	
Sheet	**Dimple height**	Geometrical measurement	mm	8						10	
	Polymer type	Manufacturer declaration	-	Recycled HDPE							
	Roll width × length	EN 1848-2	m	2.00 (±1%)x 20 (±1%)							
	Compressive strength	EN ISO 25619-2	kN/m²	150 (±10%)	200 (±10%)	250 (±10%)	150 (±10%)	200 (±10%)	250 (±10%)	400 (±10%)	650 (±10%)
GTX (Geotextile)	**Geotextile colour**	Manufacturer declaration	-	White			Grey				
	Tensile strength MD/CMD	EN ISO 10319	kN/m	MD 8 (-1.5) CMD 7 (-1.5)	MD 8 (-1.5) CMD 7 (-1.5)	MD 8 (-1.5) CMD 7 (-1.5)	MD 6.6 (-0.7) CMD 6.6 (-0.7)	MD 6.6 (-0.7) CMD 6.6 (-0.7)	MD 6.6 (-0.7) CMD 6.6 (-0.7)	MD 6.6 (-0.7) CMD 6.6 (-0.7)	MD 6.6 (-0.7) CMD 6.6 (-0.7)
	Static puncture resistance (CBR)	EN ISO 12236	N	1300 (-260)			950 (-110)				
	Characteristic opening size O90	EN ISO 12956	µm	105 (±33)			150 (±30)				
	Dynamic perforation / hole diameter	EN ISO 13433	mm	34 (+8)			40 (+7)				
	Water permeability normal to the plane VH50	EN ISO 11058	m/s	0.08 (-0.024)			0.08 (-0.015)				
GCO (Geocomposite)	**In-plane water flow / 20 kPa**	EN ISO 12958-1 i=1	L/(s·m)	1.8 (-0.2)	1.9 (-0.3)	2 (-0.2)	1.9 (-0.2)	2 (-0.2)	2.2 (-0.2)	3.85 (-0.4)	4 (-0.4)
	In-plane water flow / 50 kPa	EN ISO 12958-1 i=1	L/(s·m)	1.7 (-0.2)	1.8 (-0.2)	1.9 (-0.2)	1.8 (-0.2)	1.9 (-0.2)	2.1 (-0.2)	3.75 (-0.38)	3.9 (-0.4)
	In-plane water flow / 100 kPa	EN ISO 12958-1 i=1	L/(s·m)	1.3 (-0.15)	1.5 (-0.15)	1.7 (-0.2)	1.6 (-0.15)	1.8 (-0.2)	2 (-0.2)	3.6 (-0.35)	3.75 (-0.35)
	Tensile strength MD/CMD	EN ISO 10319	kN/m	MD 9 (-2) CMD 7 (-2)	MD 10 (-2) CMD 8 (-2)	MD 12 (-2) CMD 10 (-2)	MD 9 (-2) CMD 7 (-2)	MD 11 (-2) CMD 9 (-2)	MD 13 (-2) CMD 11 (-2)	MD 13 (-1.3) CMD 12 (-1.2)	MD 17 (-1.7) CMD 15 (-1.5)
	CE marking	EN 13252	--	Yes							
	Operating temperature	Manufacturer declaration	°C	-30 / +80							
	Durability	EN 13252 Annex B	-	Durable for 50 years in natural soil at 25°C and 4≤pH≤9, provided there is no attack by substances or organisms.							