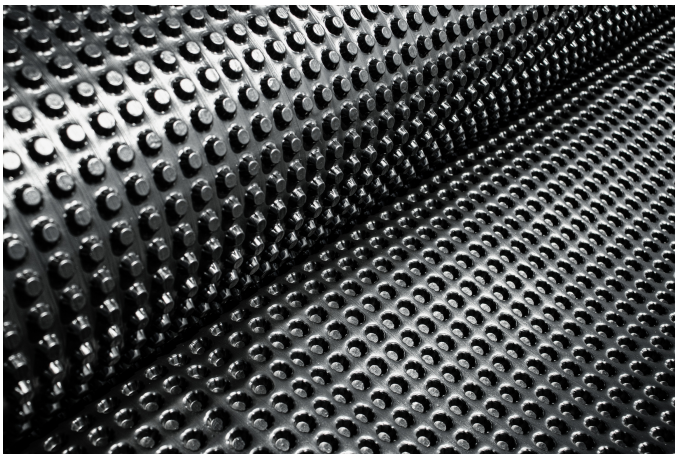
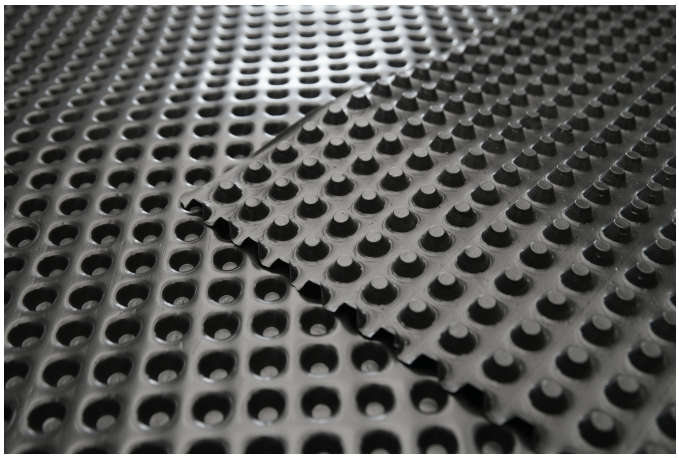
GUARD

Dimpled protection sheet

GUARD is a dimpled recycled HDPE sheet used to protect the waterproofing layer on below-ground structures. Its profiled surface forms a protective separation layer between the backfill and the waterproofing. The product family comprises GUARD 8, GUARD 8+ and GUARD HP with higher dimple profiles.



Dimpled surface detail



Both sides of the sheet

Product group photographs · Image update: 02.11.2026

8 / 10 / 20 / 25 mm	Recycled HDPE	GUARD 8 / 8+ / HP
Dimple options	Sheet material	Product series

Applications

Used as a protective layer at foundation walls, basement perimeters and waterproofing details exposed to backfill. Select the series according to backfill loads and the geometry of the application.

Installation

Inspect the waterproofing surface and joints before installation. Lay the sheets with the orientation, overlaps and fixings specified in the project. Complete the top termination and drainage connections before controlled backfilling.

GUARD

Component	Technical property	Method / conditions	Unit	GUARD 8			GUARD 8+			GUARD HP		
				400	500	600	400	500	600	10	20	25
Sheet	**Dimple height**	Geometrical measurement	mm	≈8						≈10	≈20	≈25
	Colour	-	-	Black								
	Polymer type	Manufacturer declaration	-	Recycled HDPE								
	Compressive strength	EN ISO 25619-2	kN/m²	150 (±30%)	200 (±30%)	250 (±30%)	150 (±10%)	200 (±10%)	250 (±10%)	200 (±10%)	200 (±10%)	200 (±10%)
	Roll width / roll length	EN 1848-2	m	0.50 / 1 / 1.50 / 2 (±1%) 10 / 20 / 30 (±1%)							2 (±1%) 20 (±1%)	2 (±1%) 12.5 (±1%)
	Tensile strength, minimum MD/CMD	EN 12311-2	N/50 mm	MD 150 CMD 100	MD 180 CMD 120	MD 200 CMD 150	MD 200 CMD 150	MD 250 CMD 180	MD 300 CMD 200	MD 200 CMD 150	MD 300 CMD 250	MD 300 CMD 250
	Elongation at break, minimum MD/CMD	EN 12311-2	%	MD 25 CMD 15			MD 30 CMD 20					
	Reaction to fire	EN 13501-1	class	F			E					
	Watertightness	EN 1928	-	W1								
	Temperature resistance		°C	-30 / +80								
	CE marking	EN 13967	--	Yes						No		