













PRODUCT SPECIFICATION

POLGRID UX

		UNIT	UX 40	UX 55	UX 80	UX 120	UX 160	
PROPERTIES	MATERIAL	POLYMER	-	HDPE	HDPE	HDPE	HDPE	HDPE
		MINIMUM CARBON BLACK	%	2	2	2	2	2
	MECHANICAL	PEAK TENSILE STRENGTH	kN/m	40	55	80	120	160
		TENSILE STRENGTH AT 2% STRAIN CD/MD	kN/m	10	13	21	35	43
		TENSILE STRENGTH AT 5% STRAIN CD/MD	kN/m	19	25	40	69	84
		YIELD POINT ELOGATION	%	15(±5)	15(±5)	15(±5)	15(±5)	15(±5)
	PHYSICAL	UNIT WEIGHT	kg/m ²	0,350	0,420	0,600	0,940	1,260
		APERTURE SIZE - CD	mm	235(±20)	235(±20)	235(±20)	235(±20)	235(±20)
		APERTURE SIZE -MD	Mm	16(±2)	16(±2)	16(±2)	16(±2)	16(±2)
	DELIVERY	ROLL LENGTH	m	50	50	50	50	50
		ROLL WIDTH	m	1,0-1,1	1,0-1,1	1,0-1,1	1,0-1,1	1,0-1,1

Applications Standard

	EN 13249 Construction of roads and other trafficked areas	<input checked="" type="radio"/>
	EN 13250 Construction of railways	<input checked="" type="radio"/>
	EN 13251 Earthworks, foundations and retaining structures	<input type="radio"/>
	EN 13252 Drainage system	<input type="radio"/>
	EN 13253 Erosion control works	<input type="radio"/>
	EN 13254 Construction of reservoirs and dams	<input type="radio"/>
	EN 13255 Construction of canals	<input type="radio"/>
	EN 13256 Construction of tunnels and underground structures	<input type="radio"/>
	EN 13257 Solid waste disposal	<input type="radio"/>
	EN 13265 Liquid waste containment projects	<input type="radio"/>

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