













PRODUCT SPECIFICATION

POLGRID BX

		UNIT	BX 15/15	BX 20/20	BX 30/30	BX 40/40	BX 45/45	
PROPERTIES	MATERIAL	POLYMER	-	PP	PP	PP	PP	PP
		MINIMUM CARBON BLACK	%	2	2	2	2	2
	MECHANICAL	PEAK TENSILE STRENGTH	kN/m	15/15	20/20	30/30	40/40	45/45
		TENSILE STRENGTH AT 2% STRAIN CD/MD	kN/m	7/7	8/8	11/11	14/14	16/16
		TENSILE STRENGTH AT 5% STRAIN CD/MD	kN/m	9/9	14/14	21/21	28/28	32/32
		YIELD POINT ELOGATION	%	15,2(±5,1)	15,2(±5,1)	15,2(±5,1)	15,2(±5,1)	15,2(±5,1)
	PHYSICAL	UNIT WEIGHT	kg/m ²	0,189	0,250	0,370	0,550	0,670
		APERTURE SIZE - CD	mm	39(±4)	39(±4)	39(±4)	39(±4)	39(±4)
		APERTURE SIZE -MD	Mm	39(±4)	39(±4)	39(±4)	39(±4)	39(±4)
	DELIVERY	ROLL LENGTH	m	75	75	30	30	30
		ROLL WIDTH	m	4	4	4	4	4

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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