

### PARAGRID for soil reinforcement

#### Product data table

Product designation	PARAGRID						
Product construction	Polyester filament core with Polyethylene sheath						
Product grade		30/15	50/15	80/15	100/15	150/15	200/15
<b>Mechanical properties</b>							
Characteristic short term strength <sup>(1)</sup>							
- length	kNm <sup>-1</sup>	30	50	80	100	150	200
- width	kNm <sup>-1</sup>	15	15	15	15	15	15
Extension at characteristic strength <sup>(1)</sup> – length							
	%	12	12	12	12	12	12
<b>Product dimensions – nominal</b>							
Mass <sup>(2)</sup>	gm <sup>-2</sup> (± 5%)	330	360	430	490	620	760
Thickness of elements	mm	0.8	0.9	1.2	1.3	1.3	1.3
Roll width	m	4.5	4.5	4.5	4.5	4.5	4.5
Standard roll length	m (+1% -0%)	50	50	50	50	50	50
Standard roll diameter	m	0.31	0.32	0.34	0.36	0.38	0.41
Standard roll gross weight	kg (± 5%)	84	91	107	119	150	181
Warp element pitch	mm	75	75	75	75	75	75
Weft element pitch	mm	225	225	225	225	225	225
Warp/weft width	mm	24/24	24/24	24/24	24/24	33/24	33/24

#### Notes:

- 1 Short term tests on virgin material determined using a modified version of BS EN ISO 10319:1996
- 2 Mass/unit area is measured in accordance with BS EN ISO 965:1995
- 3 For the selection of long term mechanical properties for use in design please refer to BBA Certificate No 98/RO98