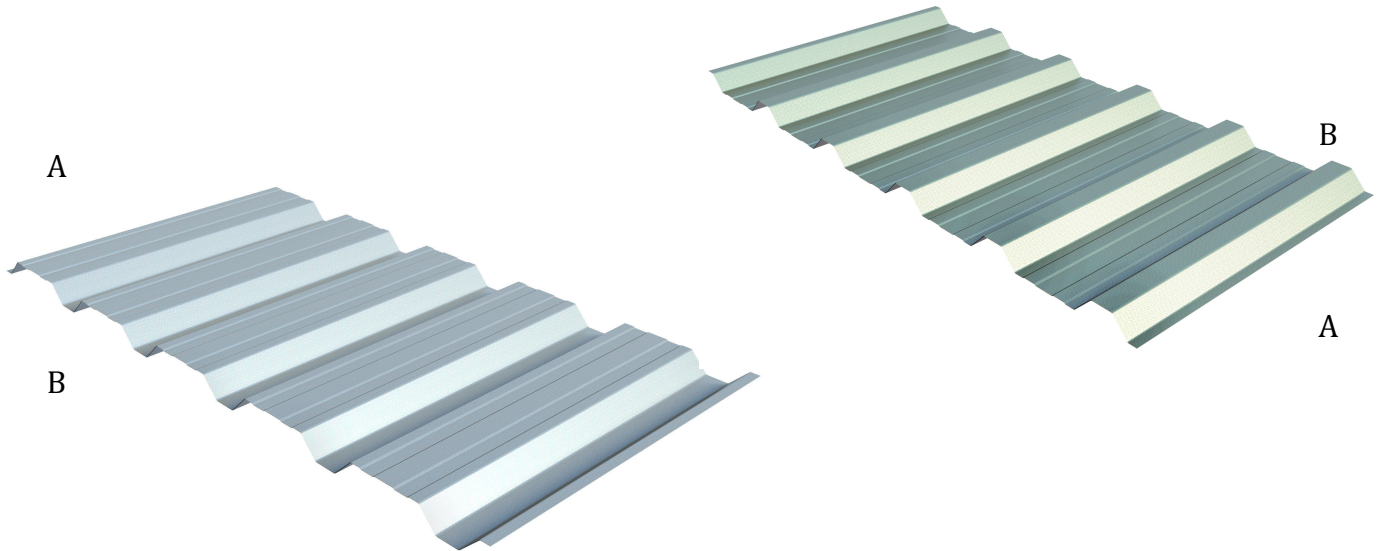


Arkclad 32.1000.200-Wall: 07-a-Ark-Prod-03/2015

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Profile depth	32mm	Profile width	1000mm	Profile pitch	200mm					
Weight: kg/m ²	0.7mm = 7.2kg/m ² 0.5mm = 5.2kg/m ²		A and B denote colour side for HPS200/LG/Prisma			Swages in broad trough can be omitted				
Structural	The loads shown are permissible and include profile and fastener limits. Fastener strength used is 2.75kN with an attachment strength load factor of 2 (BS5427), assuming fasteners in alternate troughs.									
0.7mm steel Structural: positive loads: kN/m ² : variable loads factor 1.5, deflection L/150 Double/multi-spans	Span	1.0m	1.1m	1.2m	1.3m	1.4m	1.5m	1.6m	1.7m	1.8m
	Load: kN/m ²	3.25	2.82	2.47	2.19	1.95	1.75	1.58	1.44	1.31
0.7mm steel Structural: negative loads: kN/m ² : variable loads factor 1.5, deflection L/150 Double/multi-spans	Span	1.0m	1.1m	1.2m	1.3m	1.4m	1.5m	1.6m	1.7m	1.8m
	Load: kN/m ²	2.75	2.50	2.29	2.12	1.96	1.83	1.72	1.62	1.53
0.5mm steel Structural: positive loads: kN/m ² : variable loads factor 1.5, deflection L/150 Double/multi-spans	Span	1.0m	1.1m	1.2m	1.3m	1.4m	1.5m	1.6m	1.7m	1.8m
	Load: kN/m ²	1.77	1.55	1.36	1.21	1.08	0.98	0.88	0.80	0.74
0.5mm steel Structural: negative loads: kN/m ² : variable loads factor 1.5, deflection L/150 Double/multi-spans	Span	1.0m	1.1m	1.2m	1.3m	1.4m	1.5m	1.6m	1.7m	1.8m
	Load: kN/m ²	2.75	2.50	2.29	2.12	1.96	1.80	1.58	1.40	1.25

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Material	0.7mm & 0.5mm steel in Tata Colorcoat HPS200 Ultra®/ Tata Colorcoat® LG/ Tata Colorcoat Prisma®. Colours as Tata standard range.	
Durability	Tata Colorcoat HPS200Ultra® (Confidex) 25-40 years: Tata Colorcoat Prisma® (Confidex) 20-30 years: Tata Colorcoat® LG 10-25 years. Refer to http://www.colorcoat-online.com for more detail.	
CE reference	Ark.DoP.014, 015, 016: BS EN 14782	
Fire properties	External fire performance- European: EN14782:06:5.1.2: Class Broof (t1), Class Broof (t2) and Class Broof (t3). National: notional designation of AA and has a Class 0 or 'low risk' surface as defined in the various national Building Regulations.	
Sheet delivery options, site care	Minimum length 1.000m Maximum length 12.000m Pack weight max 1.5t Inspect packs and record any damage/shortages on delivery paperwork, backed by photos to be sent to Ark with a report. Store at ground level in a protected area, on bearers, at a slope to drain, under tarpaulin if to be stored for longer than a week. Lift with care: <6m- by site forklift with tines set apart, 1 pack at a time, >6m by crane using slings (not chains). Cut using a nibbler, protect site cut edges with touch-up paint or clear lacquer.	
Fastener types	Primary: A2 stainless steel 5.5mm Ø, 16mm Ø sealer washer, colour matched head Stitchers: A2 stainless steel 5.5mm or 6.3mm Ø, 16mm Ø sealer washer, colour matched head.	
Fastener frequency	End laps (150mm), 5No/m, central to end lap: Intermediate supports, 3No/m (each side of side lap and central trough). Edge distance minimum 30mm. When required: Side laps, max 450mm centres	
Sealants	When required: 5 x 6mm Class A butyl: End laps, 2 lines nominally 120mm apart, above and below the fixing: side laps, 1 line to the outside of the stitcher screws.	
Reference Standards	Tata Colorcoat HPS200 Ultra®: BBA 91/2717/ps8 Tata Colorcoat® LG: BBA 91/2717/ps3 Tata Colorcoat Prisma®: BBA 91/2717/ps2	BS EN 508-1:2000 BS EN 14782 BS EN 10346: 2009 BS EN 14782 BS 5427:96