

















RC55 ESSENTIALS RIGID CLICK TECHNICAL DATA SHEET

PHYSICAL PROPERTIES & PACKAGING (RIGID CLICK FLOORING - 6,0 / 0,55 MM)			
Collection	ESSENTIALS TILE	ESSENTIALS CERA GROUT	ESSENTIALS PLANK XXL
Use	Commercial & Residential	Commercial & Residential	Commercial & Residential
Size	448 mm x 906 mm (17,64" x 35,67")	470 mm x 940 mm (18.50" x 37.01")	228 mm x 1830 mm (8.98" x 72.05")
Thickness - Overall	6,0 mm	6,0 mm	6,0 mm
Product Construction	5.0 mm Rigid Core (including 0.55mm Wear Layer) 1.0mm HDPE Acoustic Underlay	5.0 mm Rigid Core (including 0.55mm Wear Layer) 1.0mm HDPE Acoustic Underlay	5.0 mm Rigid Core (including 0.55mm Wear Layer) 1.0mm HDPE Acoustic Underlay
Wear Layer - Thickness	0,55mm	0,55mm	0,55mm
Edge Detail	4 sides Micro Bevel	4 sides Grout Bevel	4 sides Micro Bevel
Finish	Duraspect™ Extreme Surface Protectant	Duraspect™ Extreme Surface Protectant	Duraspect™ Extreme Surface Protectant
Patented Click System	DropLock-100 (I4F)	DropLock-100 (I4F)	DropLock-100 (I4F)
Mass per Unit Area	9.568 g/m ²	9.568 g/m ²	9.568 g/m ²
Pieces/Carton	6 pieces	5 pieces	6 pieces
Coverage/Carton	2,44m ²	2.21 m ²	2,50 m ²
Coverage/Pallet	36 Cartons (87,84 m ²)	42 Cartons (92.78 m ²)	36 Cartons (90.00 m ²)
Coverage/Container (20')	21 Pallets (1.845 m ²)	21 Pallets (1.949.22 m ²)	22 Pallets (1.980 m ²)
Warranty ⁽¹⁾	Material: 20 years (100%) Labour: 10 years (Pro rata)	Material: 20 years (100%) Labour: 10 years (Pro rata)	Material: 20 years (100%) Labour: 10 years (Pro rata)

EUROPEAN / INTERNATIONAL STANDARDS - CE CERTIFICATION / TESTING			
Description	Standard	Symbol	Results
CE Certification	EN 14041		Refer to Standards Below
Reaction to Fire (and Smoke Production)	EN 13501-1 EN ISO 9239-1 EN ISO 11925-2		B _{fl} - s1 Classification
Formaldehyde Emission	EN 717-1		Class E1
Slip Resistance (Dry)	EN 13893		Class DS






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EUROPEAN / INTERNATIONAL STANDARDS - MANUFACTURING & USAGE (EN 16511)			
Description	Standard	Symbol	Results
Classification (Level of Use)	EN 16511 EN ISO 10874		Commercial - Very Heavy (Class 34) Refer to Standards Below
Wear Resistance IP	ISO 24338 Procedure A		≥7,000 cycles
Impact Resistance (Big Ball)	EN 13329:2006, A1:2008, Annex F		No Visible Damage
Micro-Scratch Resistance [Class]	EN 16094, Method A	N/A	MSR-A2
Castor Chair Resistance	EN ISO 4918		After 25,000 cycles: No Disturbance to the Surface; No Delamination, Cracks, or Disruptions
Effect of Furniture Leg	EN ISO 16581 (Tested with foot type 0)		No Visible Damage
Residual Indentation	EN ISO 24343-1		≤0,15mm
Resistance to Staining [Grade, per Group]	EN 438-2 (Group 1 & 3 - Only 10 Minutes)		Groups 1, 2 & 3: Grade 5
Locking Strength	ISO 24334		Long Side ≥ 1,0kN/m Short Side ≥ 3,5kN/m
Dimensional Stability and Curling under influence of Temperature	EN ISO 23999		≤0,15 % ≤ 2mm
Colour Fastness to Light	ISO 105-B02, Method 3		≥Grade 6
Thickness (t)	EN 17539		$\Delta t_{avg} \leq 0,50\text{mm}$ (Versus Nominal) $t_{max} - t_{min} \leq 0,50\text{mm}$
Length (l)			$l \leq 1.500\text{mm}: \Delta l \leq 0,5\text{mm}$ $l > 1.500\text{mm}: \Delta l \leq 0,3\text{mm/m}$ (Versus Nominal)
Width (w)	EN 17539		$\Delta w_{avg} \leq 0,10\text{mm}$ (Versus Nominal) $w_{max} - w_{min} \leq 0,20\text{mm}$
Squareness (q)			$q_{max} \leq 0,20\text{mm}$
Straightness (s)			$s_{max} \leq 0,30\text{mm/m}$
Flatness (f)	EN 17539	N/A	Maximum Single Values: $f_{w,concave} \leq 0,15\%$, $f_{w,convex} \leq 0,20\%$ $f_{l,concave} \leq 0,50\%$, $f_{l,convex} \leq 1,00\%$
Openings (o)	EN 17539	N/A	Measured from the Surface Between Vertical, Contacting Edges: $o_{avg} \leq 0,15\text{mm}$, $o_{max} \leq 0,20\text{mm}$
Height Difference (h)	EN 17539	N/A	$h_{avg} \leq 0,10\text{mm}$ $h_{max} \leq 0,15\text{mm}$

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EUROPEAN / INTERNATIONAL STANDARDS - AUXILIARY PERFORMANCE & SAFETY			
Description	Standard	Symbol	Results
Slip Resistance (Wet)	DIN EN 16165 : 2023 Annex B	N/A	Grade R10
Slip Resistance (UK)	DIN EN 16165 : 2023 Annex C	N/A	Low Slip Risk (Dry)
Impact Sound Insulation ⁽²⁾	EN ISO 10140-3 ISO 717-2 EN ISO 140-8		$\Delta L_w = 20$ dB
A-weighted walking sound pressure level	EN 16205:2013		$L_{n,walk,A} = 83$ dB(A)
Thermal Resistance Thermal Conductivity	EN 12664		$R_{23} = 0,054$ (m ² , K)/W $\lambda_{23} = 0,114$ W/(m, K)
Static Electrical Propensity	EN 1815, Method A		Antistatic Floor Coverings: $\leq 2,0$ kV (Absolute Value)
Product-Content Safety	REACH SVHC	N/A	Not detected
Content of PCP (Pentachlorophenol)	EN 12673:1999		Not detected

Footnotes

1) Warranty: Please see full terms and conditions of our warranties at www.aspectaflooring.com

The manufacturing facility is ISO 9001 (Quality Management System), ISO 14001 (Environmental Management System), ISO 45001 (Occupational Health and Safety Management Systems) and SA 8000 (Social Accountability) certified.

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