







**Aspecta essentials GD**  
Vinyl flooring

**asset**  
space becomes place

# GD30 ESSENTIALS GLUE DOWN LVT












## TECHNICAL DATA SHEET

PHYSICAL PROPERTIES & PACKAGING - (GLUE DOWN 2.0MM/0.3MM)		
Collection	ESSENTIALS PLANK	ESSENTIALS TILE
Use	Commercial & Residential	Commercial & Residential
Size	228.6mm x1219.2mm (9" x 48")	304.8mm x609.6mm (12" x 24")
Wear Layer - Thickness	0.30mm	0.30mm
Thickness - Overall	2.0mm	2.0mm
Edge Detail	Square Edge	Square Edge
Finish	Duraspect™ Extreme Surface Protectant	Duraspect™ Extreme Surface Protectant
Embossing(s)	Woodlay	Slystone
Mass per Unit Area	3672 g/m <sup>2</sup>	3672 g/m <sup>2</sup>
Pieces/Carton	20 pieces	25 pieces
Coverage/Carton	5.57m <sup>2</sup>	4.65m <sup>2</sup>
Coverage/Pallet	52 Cartons (289.64m <sup>2</sup> )	50 Cartons (241.8m <sup>2</sup> )
Coverage/Container	18 Pallets (5213.52m <sup>2</sup> )	20 Pallets (4836m <sup>2</sup> )
Guarranty <sup>(1)</sup>	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	Requirements	Results
CE Certification	EN 14041		Refer to Standards Below	Refer to Results Below
Reaction to Fire (and Smoke Production)	EN 13501-1 EN ISO 9239-1 EN ISO 11925-2		Bfl - s1 Classification Critical Flux: ≥8.0kW/m <sup>2</sup> Flame Spread: ≤150mm within 20s Smoke Value as % x min: ≤750	Passes Requirements
Content of PCP (Pentachlorophenol)	EN 14041		<0.1ppm	Passes Requirements
Formaldehyde Emission	EN 717-1		Class E1: Release ≤0.124mg/m <sup>3</sup>	Passes Requirements
Slip Resistance (Dry)	EN 13893		Class DS: Coefficient of Friction ≥0.3	Passes Requirements
Thermal Resistance	EN 12667		N/A	0.01745m <sup>2</sup> K/W at 10°C





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## TECHNICAL DATA SHEET

EUROPEAN / INTERNATIONAL STANDARDS - MANUFACTURING & USAGE				
Description	Standard	Symbol	Requirements	Results
Identification	EN ISO 10582	N/A	Type I: Wear Layer Binder Content $\geq 80\%$	Passes Requirements
Classification (Level of Use)	EN ISO 10582 EN ISO 10874		Domestic - Heavy (Class 23) Wear Layer (Nominal): $\geq 0.3\text{mm}$ Thickness (Nominal): $\geq 1.5\text{mm}$	Passes Requirements (Nominal)
			Commercial - Moderate (Class 31) Wear Layer (Nominal): $\geq 0.30\text{mm}$ Thickness (Nominal): $\geq 2.0\text{mm}$	Passes Requirements (Nominal)
Size, Squareness, and Straightness	EN ISO 24342		Size: $\leq 0.15\%$ from Nominal Squareness/Straightness: If Size $> 400\text{mm}$ : $\leq 0.35\text{mm}$ If Size $\leq 400\text{mm}$ : $\leq 0.25\text{mm}$	Passes Requirements
Thickness	EN ISO 24346 / EN 428		Average (from Nominal): $+0.13\text{mm}/-0.10\text{mm}$ Any Sample (from Average): $\pm 0.15\text{mm}$	Passes Requirements
Mass per Unit Area	EN ISO 23997 / EN 430		$+13\%/-10\%$ from Nominal	Passes Requirements
Dimensional Stability	EN ISO 23999 / EN 434		$\leq 0.25\%$	Passes Requirements
Curling	EN ISO 23999 / EN 434	N/A	$\leq 2\text{mm}$	Passes Requirements
Flexibility	EN ISO 24344 (Method A) / EN 435		No Cracks (20mm Mandrel)	Passes Requirements
Residual Indentation	EN ISO 24343-1 / EN 433		$\leq 0.1\text{mm}$	Passes Requirements
Castor Chair	ISO 4918		After 25,000 Cycles: Delamination - None Appearance $\leq$ "Slight Change"	Passes Requirements
Colour Fastness to Light	ISO 105-B02, Method 3		$\geq$ Grade 6	Passes Requirements
Static Electrical Propensity	EN 1815, Method A		$\leq 2.0\text{kV}$	Passes Requirements

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## TECHNICAL DATA SHEET

EUROPEAN / INTERNATIONAL STANDARDS - AUXILIARY PERFORMANCE & SAFETY				
Description	Standard	Symbol	Requirements	Results
Slip Resistance (Wet)	DIN 51130	N/A	Grade R10: $\geq 10^\circ$ and $< 19^\circ$	Passes Requirements
Slip Resistance (Australia / New Zealand)	AS 4586	N/A	Wet Pendulum (Slider 96) P4	Passes
Chemical Resistance	EN ISO 26987 / EN 423		N/A	No Effect
Abrasion / Wear Resistance	EN 660-2		N/A	$F_v \leq 4.0 \text{mm}^3/100\text{r}$
Impact Sound Insulation <sup>(2)</sup>	EN ISO 10140-3 ISO 717-2 EN ISO 140-8		N/A	$\Delta LW = 4 \text{dB}$
Product-Content Safety	REACH SVHC 223	N/A	N/A	Passes Requirements
A-Weighted Walking Sound Pressure Level	EN 16205:2013		N/A	$L_{n,walk, A} = 88 \text{dB(A)}$

### Footnotes

**1) Guarranty:** Please see full terms and conditions of our voluntary guarranties at [www.aspectaflooring.com](http://www.aspectaflooring.com)

**2) Impact Sound Insulation (EN ISO 10140-3, ISO 717-2, EN ISO 140-8):**  $\Delta LW$  = Weighted Reduction of Impact Sound Pressure Level

The manufacturing facility is ISO 9001 (Quality Management System) and ISO 14001 (Environmental Management System) certified.

**Disclaimer:** This document represents the current state of knowledge at the time of its publication and instantly supersedes all previous editions. It may be replaced, supplemented or amended at any time and without special notice. Please be sure to check the validity, relevance and content for topicality before regarding at [www.aspectaflooring.com](http://www.aspectaflooring.com)



**Just.**

**Declare.**



