

Armalon® NG

Technical Data

Product Classification		Armalon® NG	Armalon® NG	Armalon® NG Black	Armalon® NG Black
Type of floor covering	ISO 10581	Homogeneous sheet vinyl	Homogeneous sheet vinyl	Homogeneous sheet vinyl	Homogeneous sheet vinyl
Binder Content	EN ISO 10581.4.1	Type II	Type II	Type II	Type II
Classification (Use Area)	EN ISO 10874	Commercial: 33 (Heavy) Light Industrial: 42 (General)	Commercial: 33 (Heavy) Light Industrial: 42 (General)	Commercial: 33 (Heavy) Light Industrial: 42 (General)	Commercial: 33 (Heavy) Light Industrial: 42 (General)
Warranty*	Commercial - available upon request	15 years	15 years	15 years	15 years

*All warranties are in addition to any rights consumers may have under Australian and New Zealand consumer laws. Terms and conditions apply - for full information in respect to the scope of the commercial warranty, contact your Armstrong Flooring representative.

Physical Properties

Manufactured in	-	Australia	Australia	Australia	Australia
Polyurethane reinforced	-	Yes PUR	Yes PUR	No	No
Colours (Standard)	-	10	4	1	1
Overall thickness	ISO 24346	2.0mm	2.0mm	2.0mm	2.5mm
Roll width	ISO 24341	1.83m	1.525m	1.2m	1.2m
Roll length	ISO 24341	20m	24m	20m	17m
Coverage/roll	-	36.6m ²	36.6m ²	24.0m ²	20.4m ²
Product weight/m ²	ISO 23997	3.5kg/m ²	3.5kg/m ²	3.5kg/m ²	4.5kg/m ²

Installation

	To current AS/NZS 1884 and Armstrong Flooring Installation Instructions - Homogeneous Vinyl Sheet Flooring	Full stick, reverse sheets, heat weld or seambond seams	Full stick, reverse sheets, heat weld or seambond seams	Full stick, reverse sheets, heat weld or seambond seams	Full stick, reverse sheets, heat weld or seambond seams
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Sustainability

GreenTag GreenRate	-	GreenRate Level A	GreenRate Level A	GreenRate Level A	GreenRate Level A
Best Environmental Practice PVC	-	Yes	Yes	Yes	Yes
TVOC Emissions	-	Compliant with Green Building Council low VOC emission rates	Compliant with Green Building Council low VOC emission rates	Compliant with Green Building Council low VOC emission rates	Compliant with Green Building Council low VOC emission rates

Technical Performance

Slip Resistance	AS 4586				
	Wet Pendulum (Appendix A)	P2	P2	P2	P2
	Oil Wet (Appendix D)	R9	R9	R9	R9
Fire Resistance (Floor)	AS ISO 9239-1				
	Critical Radiant Flux (CHF Value)	≥ 4.5kW/m ²	≥ 4.5kW/m ²	≥ 4.5kW/m ²	≥ 4.5kW/m ²
	Smoke Development Rate	≤ 750%.min	≤ 750%.min	≤ 750%.min	≤ 750%.min
Fire Resistance (Walls)	AS 5637.1				
	Cone Calorimeter	Group 1	Group 1	Group 1	Group 1
	Average specific extinction area	< 250m ² /kg	< 250m ² /kg	< 250m ² /kg	< 250m ² /kg
Other					
Residual indentation	ISO 24343-1	Pass	Pass	Pass	Pass
Colour fastness	ISO 105-B02, Method 3	Pass	Pass	Pass	Pass
Chemical resistance	-	Good resistance	Good resistance	Good resistance	Good resistance
Flexibility	ISO 24344, Method A	Pass	Pass	Pass	Pass
Castor chair	ISO 4918	Pass	Pass	Pass	Pass
Seam strength	ISO 16906	Pass	Pass	Pass	Pass

Accreditation

Manufactured under accredited ISO 9001 quality, ISO 14001 environmental and ISO 45001 OHS management systems

All specifications are current as at date of publication and may be changed without notice. For current and complete specifications please visit armstrongflooring.au or armstrongflooring.co.nz

All Armstrong Flooring products must be installed in accordance with the relevant Australian and/or New Zealand applicable standards and the Armstrong Flooring Installation Instructions.

Variations may occur between samples, photographic images, and batches in terms of colour, shade, pattern or similar.

AU: www.armstrongflooring.au/armalon

NZ: www.armstrongflooring.co.nz/armalon



ArmstrongFlooring™