

ArmstrongFlooring™



Quantum®

Homogeneous Vinyl Sheet

Oxford Grey | 5B504191
Collins Grey | 5B504201

Quantum®

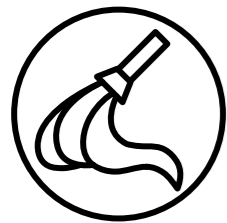
Homogeneous Vinyl Sheet

Quantum® is a high quality Australian made commercial vinyl sheet flooring designed to meet the demands of high traffic environments. Offering a contemporary colour palette, Quantum® is visually appealing to suit a wide variety of spaces. Its embossed surface texture and multi-coloured chip design not only enhances the aesthetic appeal, but also effectively conceals dirt, scuffs, and wear patterns, minimising maintenance needs over time.

Engineered with advanced materials, Quantum® provides outstanding resistance to dents, gouges, and scuffs, making it ideal for areas with high foot traffic and heavy use. It is perfectly suited for demanding settings such as hospitals, healthcare and aged care facilities, educational institutions, hospitality venues, retail spaces, corporate offices, and light industrial environments.

For a customised flooring solution, our Infinity® range uses the Quantum® formulation to develop a bespoke colourway to create a space to work within your design scheme and bring your project to life.

Features & Benefits



LOW MAINTENANCE
PUR coating making it easy to clean and maintain



HIGH FOOT TRAFFIC
Designed to withstand areas with high traffic flow



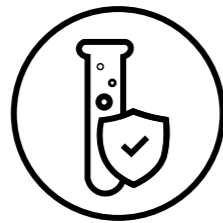
HIGHLY DURABLE
Superior even wear for a consistent appearance



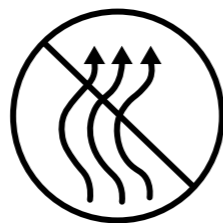
HYGIENIC SURFACE
Helps prevent mould and bacteria growth



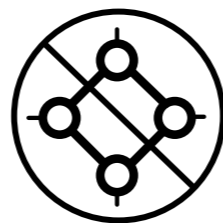
STAIN RESISTANT
Resistant against stains and discolouration



CHEMICAL RESISTANT
Built for environments exposed to chemicals



LOW VOC
Ideal for those with allergies and chemical sensitivities



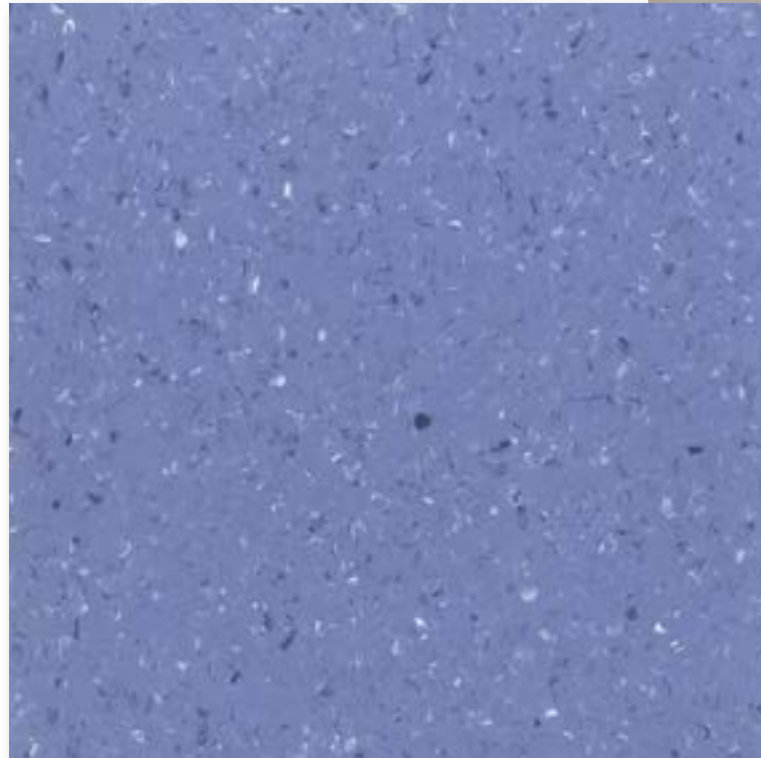
PHTHALATE FREE
Made without phthalates for a healthier environment



Quantum®

Burke Blue

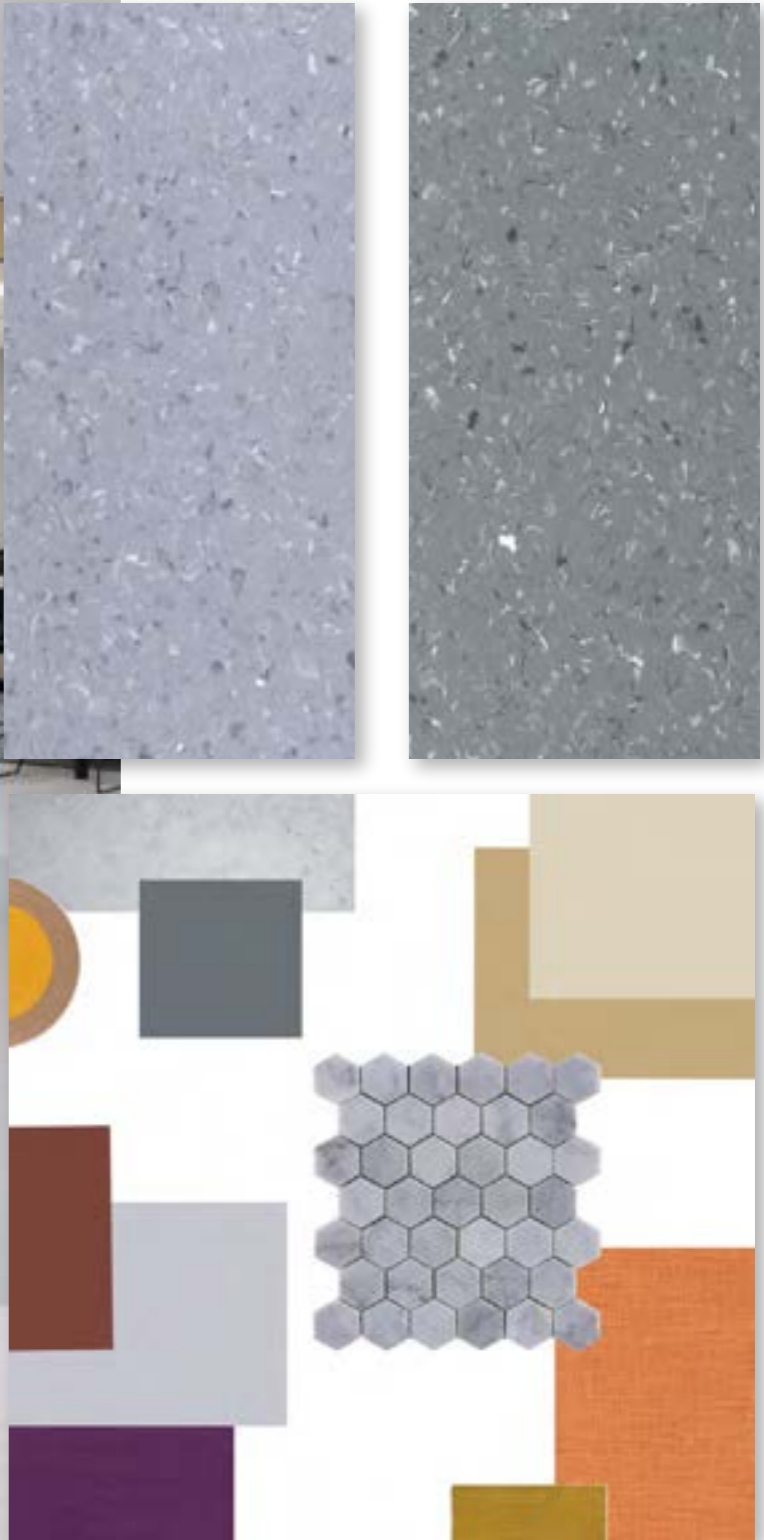
Blue is a classic colour choice for clinical spaces, evoking a sense of cleanliness and a reassuring atmosphere.



QLD Bone & Tissues Services

Oxford Grey & Collins Grey

The light and dark grey flooring creates distinct, defined learning areas and provides a balanced backdrop for accent colours.



Quantum® Colour Palette

Roll size: 2.0mm x 1.83m x 20m



Lennox Beige | 5B504221

LRV 53.26



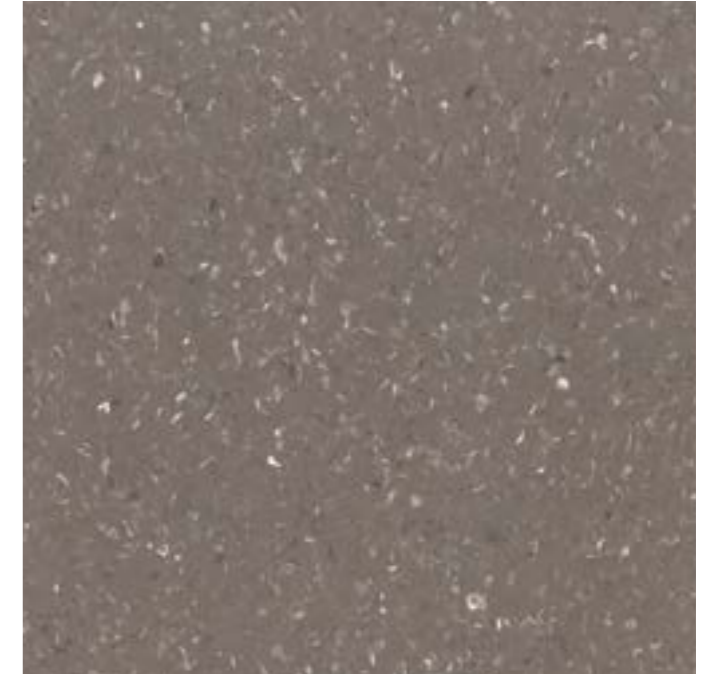
Essex Beige | 5B504231

LRV 40.99



Gunbarrel Red | 5B504161

LRV 21.50



Chapel Brown | 5B504241

LRV 21.30



Vermont White | 5B504181

LRV 63.70



Liverpool Yellow | 5B504251

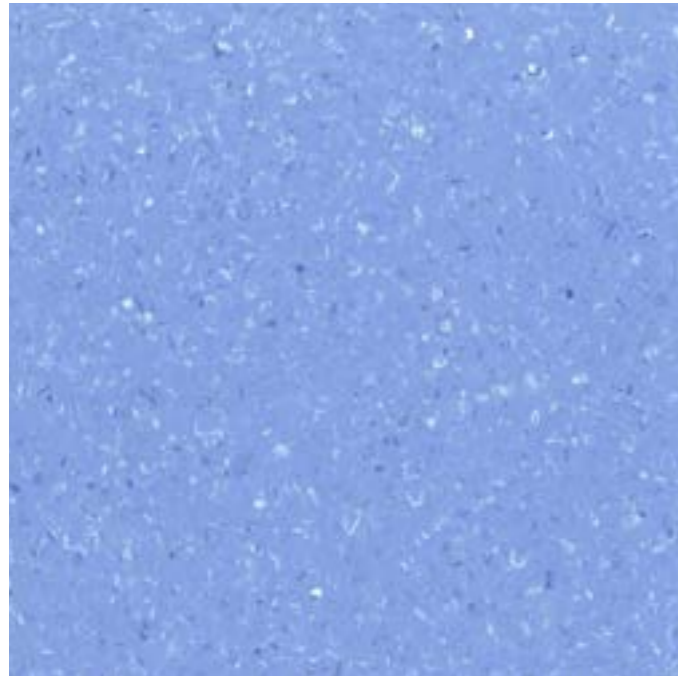
LRV 64.80

Colour swatches and photographic images may vary between digital brochure to real life product and are to be used as a guide only.

It is recommended you request an actual product sample by contacting your Armstrong Flooring representative or ordering a sample online via our [AU Website](#) or [NZ Website](#)

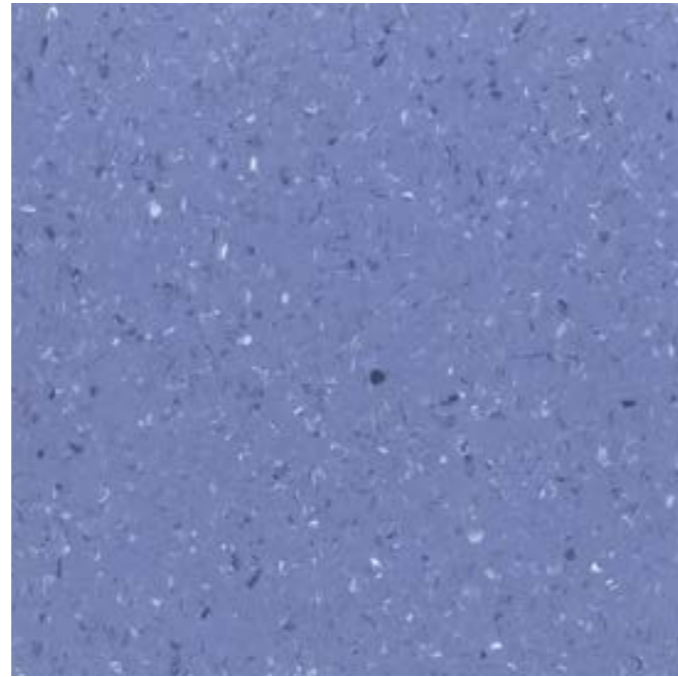
Quantum® Colour Palette

Roll size: 2.0mm x 1.83m x 20m



College Blue | 5B504281

LRV 30.70



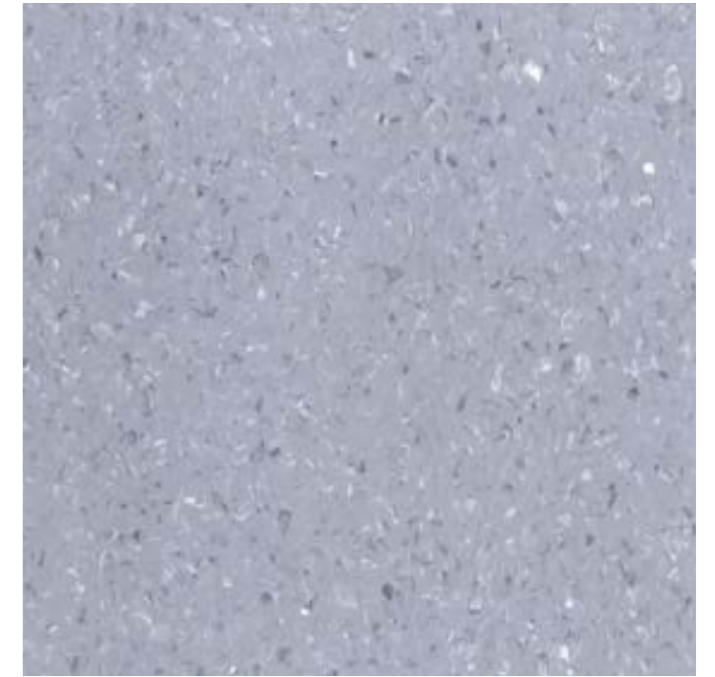
Burke Blue | 5B504291

LRV 23.20



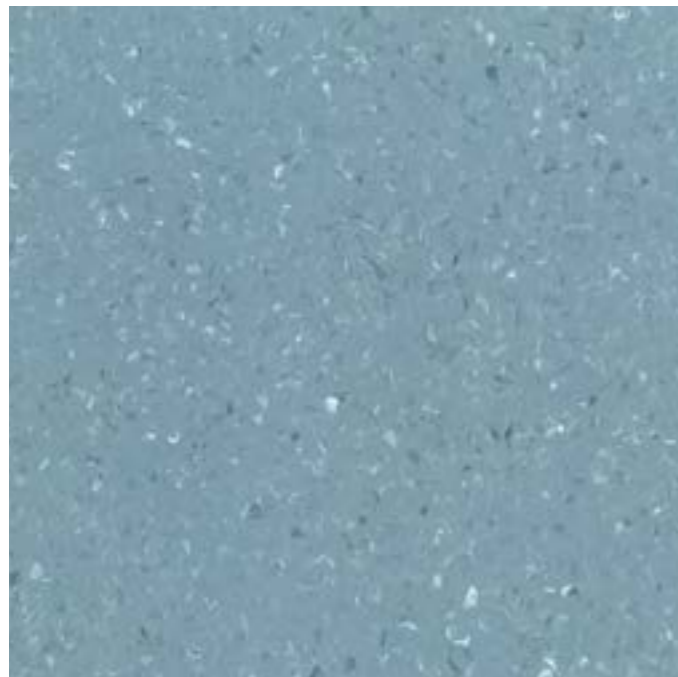
Rundle Grey | 5B504211

LRV 41.48



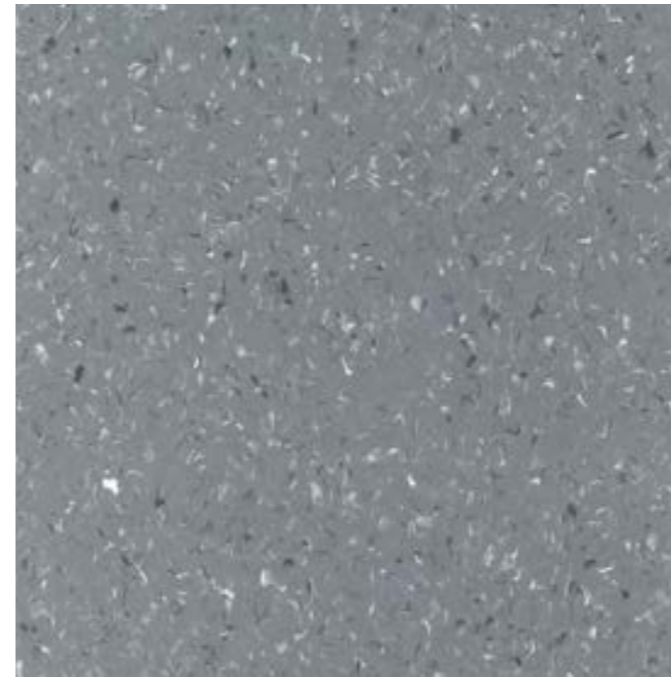
Oxford Grey | 5B504191

LRV 35.80



Burwood Green | 5B504271

LRV 29.56



Collins Grey | 5B504201

LRV 24.42



Pitt Black | 5B504301

LRV 10.84

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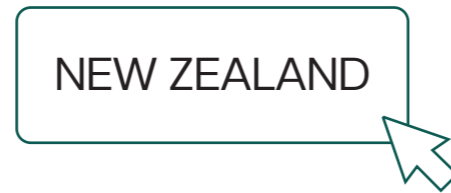
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Quantum® Room Visualiser

Flooring is the foundation of any space and an element you want to get right. Our Room Visualiser tool will bring your vision to life and help make the decision making process easier, all from the convenience of your desktop, mobile or tablet device.

Simply upload a photo of your space or select one of our pre-existing room scenes, and then choose the flooring colour you are interested in. Watch the space transform as you immerse yourself in the various flooring colours and design options.

Start designing today by clicking below.



Quantum® Technical Data

Product Classification

Type of floor covering	EN ISO 10581	Homogeneous sheet vinyl
Binder Content	EN ISO 10581.4.1	Type I
Classification (Use Area)	ISO 10874	Commercial: 34 (Very Heavy) Light Industrial: 43 (Heavy)
Warranty*	Commercial - available upon request	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
Polyurethane reinforced	-	Yes PUR
Colours (Standard)	-	13
Overall thickness	ISO 24346	2.0mm
Surface texture	-	Lightly embossed
Roll width	ISO 24341	1.83m
Roll length	ISO 24341	20m
Coverage/roll	-	36.6m ²
Product weight/m ²	ISO 23997	3.0kg/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
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Sustainability

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

Technical Performance

Slip Resistance	AS 4586 Wet Pendulum (Appendix A) Oil Wet (Appendix D)	P3 R10
Fire Resistance (Floor)	AS ISO 9239-1 Critical Radiant Flux (CHF Value) Smoke Development Rate	≥ 4.5kW/m ² ≤ 750%min
Fire Resistance (Walls)	AS 5637.1 Cone Calorimeter Average specific extinction area	Group 3 < 250m ² /kg
Other		
Colour fastness	ISO 105-B02, Method 3	Pass
Residual indentation	ISO 24343-1	Pass
Chemical resistance	-	Good resistance
Flexibility	ISO 24344, Method A	Pass
Castor chair	ISO 4918	Pass
Seam strength	ISO 16906	Pass
Static electrical propensity	EN 1815	Antistatic ≤2kV

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.

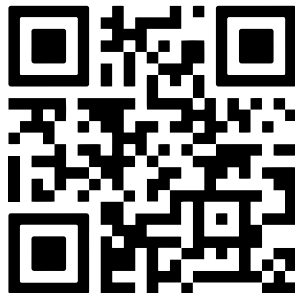


Learn more

www.armstrongflooring.au/quantum



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ArmstrongFlooring™

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