



ASSURE TECH
Rest Assured.

2024

Cosmo RQ®

Homogeneous: Directional - Phthalate Free



Special Features



CERTIFIED BY
SCS Global Services

ISO 16000 - 6

Applications

- Schools
- Colleges
- Offices
- Cinemas
- Supermarkets
- Creches

Product Description

Cosmo RQ® is a fully flexible, homogeneous vinyl floor covering with a uni color decor throughout the 2.00mm / 3.00mm thickness available in sheets and tiles.

Cosmo RQ® is treated with RQ Protect process providing a high level of durability and acting as a barrier against stains and chemical aggression. RQ Protect completely replaces the application of wax or polish during the lifetime of the product.

Cosmo RQ® is suitable for modular structures and heavy traffic areas. It is available in wide variety of colours.

Cosmo RQ® is VOC ($\leq 1/2$ Chronic REL) and formaldehyde compliant ($\leq 9.0 \mu\text{g}/\text{m}^3$) according to the CDPH/EHLB/Standard, Method V1.1-2010 (certificate 120316-01).



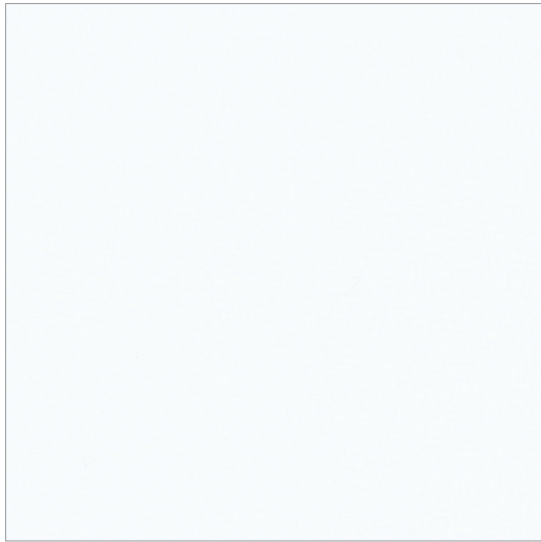
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A Bold Statement

A solid colour vinyl, Cosmo RQ® can be laid in any direction and cut into any pattern making a designed floor stand out. The RQ treatment ensures its usage in the most demanding environments.



CS - 11

Chalk White



CS - 06

Parchment



CS - 07

Taupe



CS - 12

Blue Chill



CS - 13

Underseas Grey



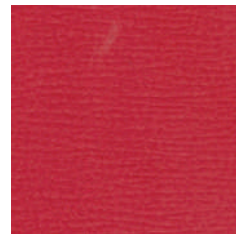
CS - 08

Mikado Yellow



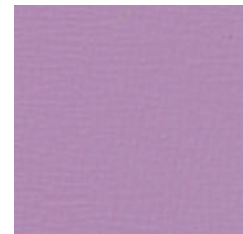
CS - 09

Marmalade Orange



CS - 10

Rouge Red



CS - 15

Iris



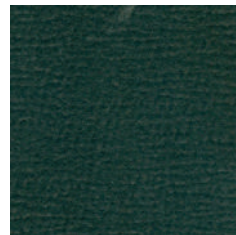
CS - 01

Grass Green



CS - 02

Oak Leaf



CS - 14

Bottle Green



CS - 04

Electric Blue



CS - 03

Cerulean



CS - 05

Intense Blue

Matching welding rods are available for every colour.

Printed shades may appear slightly different from actual samples.

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Characteristics	Standards	Units	Cosmo RQ®	
Phthalate Free			Available on Request	
Indoor Air Quality	CA Section 01350 ($\leq 0.5 \text{ mg / m}^3$)	Floorscore Certified (SCS - FS - 04547)	Yes	
	ISO 16000-6, TVOC after 28 days	$\mu\text{g/m}^3$	< 10 (Fully compliant)	
Description				
Type of floor covering	ISO 10581	Type 1 - Binder Content	Homogeneous Vinyl Flooring (Uni-color)	
General performance	ISO 10874 - EN 685	Classification	34: Very Heavy Commercial 43: Heavy Light Industrial	
Usage / Wear Resistance	BS EN 649	Group T	Heavy foot traffic / Heavy duty	
Special treatment			RQ Protect: no wax no polish for life	
Overall thickness	ISO 24346 - EN 428	mm	2.00	3.00
Thickness of wear layer	ISO 24340 - EN 429, ASTM F410	mm	2.00	3.00
Weight	ISO 23997 - EN 430	g/m^2	3150	4725
Sheet size	ISO 24341 - EN 426	m (width)	2	2
		m (length)	20	15
		m^2 (surface area)	40	30
Tile Size	ISO 24342	cm x cm (length x width)	30 x 30cm 50 x 50cm 61 x 61cm	
Abrasion resistance	EN 660 - 2	Group	T	
	EN 660 -2	Volume loss mm^3	<2	
	ASTM D3389 (weight loss / 1000 cycles)	g	< 0.40	
Castor chair test	ISO 4918 - EN 425	Type of use	Continuous	
Slip resistance	DIN 51130	Ramp Test	R 10	
	EN 13893 ASTM D2047	Coefficient of friction	DS (> 0.30) Pass (0.70 avg)	
Dimensional stability	ISO 23999 - EN 434	%	≤ 0.40	
Flexibility	ISO 24344 - EN 435	20mm mandrel	No Cracking	
	ASTM F137		Pass	
Seam Strength	ISO 16906	N/50mm	Pass	
Residual indentation	ISO 24343 - 1 - EN 433	mm	≤ 0.10	
	ASTM F970	psi	800	
	ASTM F1914	inches	Avg. 0.001	
Colour fastness to light	EN ISO 105 - B02	Degrees	≥ 6	
	ASTM F1515	$\Delta E \leq 800$ after 300 hours (colour change)	Pass	
Static electrical propensity	EN 1815	kV	< 2.0	
Thermal resistance	EN 12667	$\text{m}^2 \text{ k/W}$	Approx 0.01 $\text{m}^2\text{k/W}$ (suitable at 27°C)	
Heat Stability	ASTM 1514	$\Delta E \leq 0.80$ (colour change)	Pass	
Reaction to fire	EN ISO 9239-1	kW/m^2	≥ 8	
	EN ISO 11925-2		Pass	
	EN 13501-1 : 2007+A1	Class	Bfl - S1	
	ASTM E 648	Type	1	
Smoke density	ASTM E 662	Dm	< 450 (Pass)	
Stain & chemical resistance	ISO 26987 - EN 423	Index	0 (Excellent resistance)	
	ASTM F925	Resistance	Pass	
Fungi & bacteria resistance	ISO 846 A, C		Does not favour growth	
Maritime usage	IMO RES A 653 (16)		Annex 1 Part 2 (Smoke & Toxicity)	
	IMO MSC 61 (67)		Part 5 (Spread of Flame) and Annexure 2	
	Marine Equipment Directive		1121	

