

Inspiring Great Spaces™



DIAMOND 10™ Coated Homogeneous Sheet

SIMPURITY®

Inspiring Great Spaces™

A large, stylized graphic of a diamond shape, composed of several overlapping triangles in shades of blue and grey, pointing towards the center.

DIAMONDTM 10 TECHNOLOGY

1

Tough as Diamond

- Unique formulation with industrial diamond
- More compacted and tougher coating to protect the vinyl flooring

2

Easy to Clean

- Water/oil-based pollutants are difficult to penetrate into flooring
- More economic and quicker cleaning maintenance

3

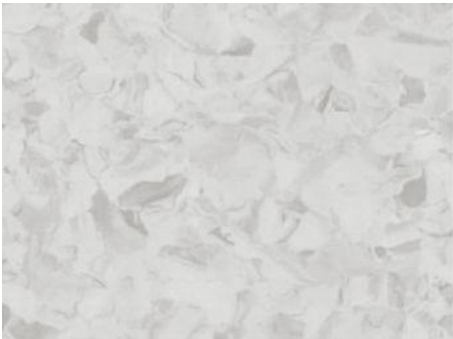
More Durable

- Superb anti-scratching capability
- Double the average coating thickness of competitors
- Excellent user experience in durability

4

Chemical Resistance

- Prevent kinds of medicament and strong acid/alkali from damage to flooring
- Tolerate to daily repeated detergent treatment



Gently grey



Plow Rock



Chalk Black

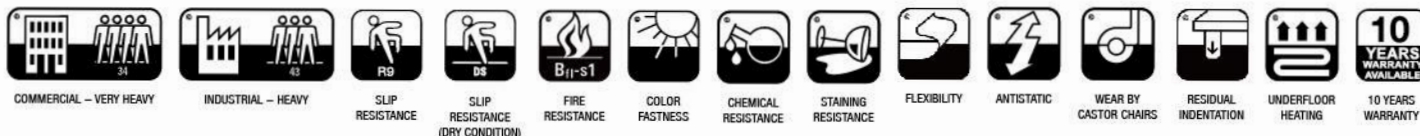


Peaceful



Technical Data

Characteristics	Standard	Unit	Result
Type of floor covering			Homogeneous vinyl sheet
Material			Polyvinyl chloride
Coating			DIAMOND 10™
Safety criteria			
Flammability	EN 13501-1	class	Bfl-s1
Slip resistance	DIN 51130	group	R9
Dynamic coefficient of friction	EN 13893		DS
REACH			Contains no substances mentioned in the SHVC-list
TVOC Emissions	ISO 16000-6		≤ 5 ug/m3 after 28 days
Performance behaviour			
Roll width	ISO24341	m	2
Roll length	ISO24341	m	13 - 20
Overall thickness	ISO24346	mm	2.0
Wear layer thickness	ISO24340	mm	2.0
Product weight	ISO23997	kg/m2	3.3
Wear resistance	EN660-2	group	T
Residual indentation	ISO2434301	mm	≤ 0.04
Dimensional stability	ISO23999	%	X: < 0.4 ; Y: < 0.4
Flexibility	ISO24344		10 mm mandrel, no cracking
Seam strength	ISO16906		Mean > 560N/50mm
Color fastness	ISO105-B02		> 6
Static electrical propensity	EN 1815	kV	≤ 2.0
Resistance to staining	EN 423		Good resistance
Bacteria resistance	ISO 846: Part C		No observed growth



Sample piece in this sample folder is only for color reference, the structure and color of which may be varied in actual product supplying

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