

TRUESHIELD

TRUESHIELD is an innovative coating technology invented by Armstrong. The flooring equipped with TRUESHIELD coating is hardness for tough environment, resistant to dirt, shoe scuff marks and make routine cleaning easier. The flooring is still as good as new even high traffic areas.

Lotus Effect

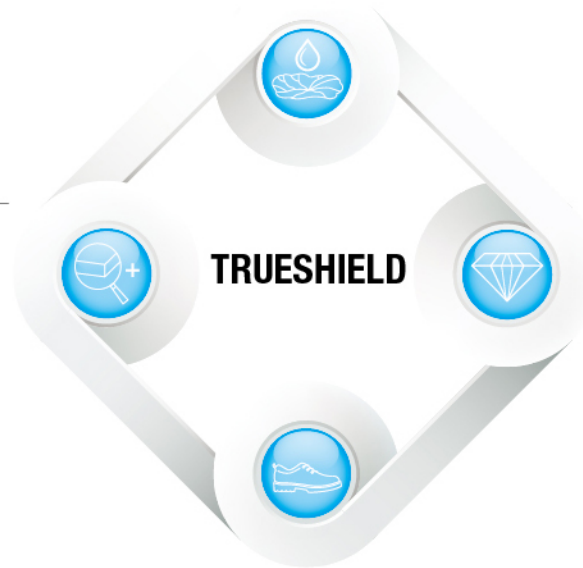
Reduced tensions of coating surface to prevent water residues and infiltration, such like water drops on lotus leaf.

Durable

Extra thick and dense coating to protect the vinyl floor covering surface

Superb Wear Resistance

Special anti-scratching formulation makes the coating as tough as gem.

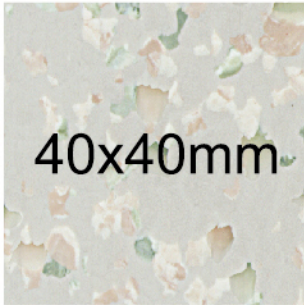


Strong Stain Resistance

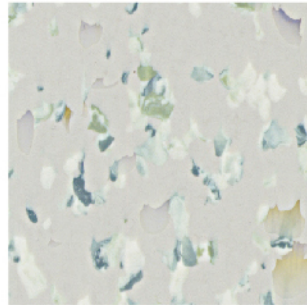
Synergy of Lotus Effect and Anti-scratching Formulation makes dirt and shoe marks can be removed easily and no stress on flooring maintenance.



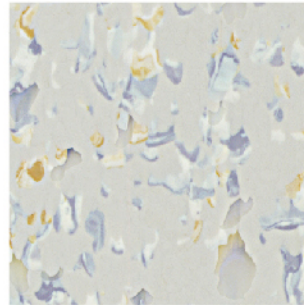




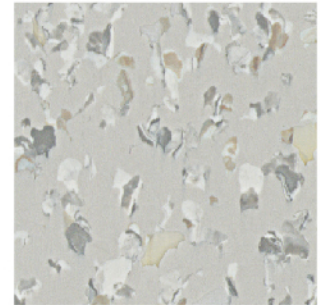
K835-005 Raw White
WR: W835-005



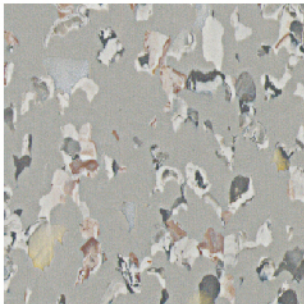
K835-006 Ripple
WR: W835-005



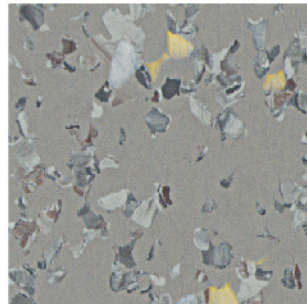
K835-007 Cream
WR: W835-005



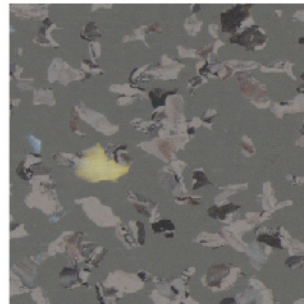
K835-008 Ashy
WR: W835-008



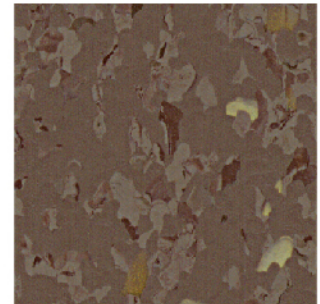
K835-009 Grey
WR: W835-009



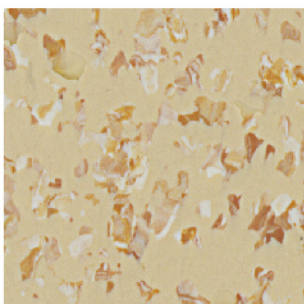
K835-010 Snow
WR: W835-010



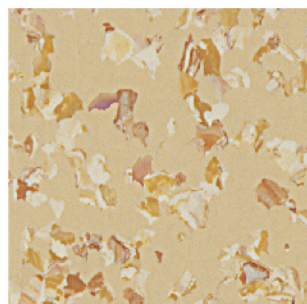
K835-011 Greyish
WR: W835-011



K835-213 Snowfall
WR: W835-213



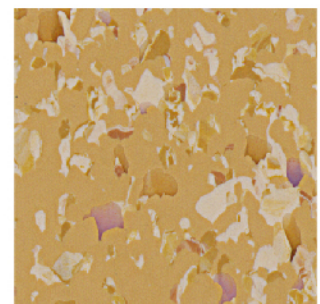
K835-108 Lotus
WR: W835-108



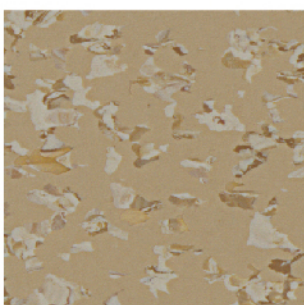
K835-109 Rose
WR: W835-109



K835-310 Bright
WR: W835-310



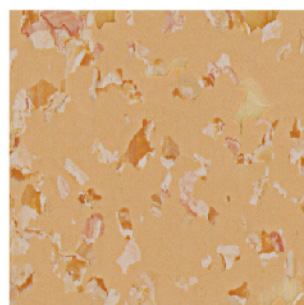
K835-311 Plat
WR: W835-311



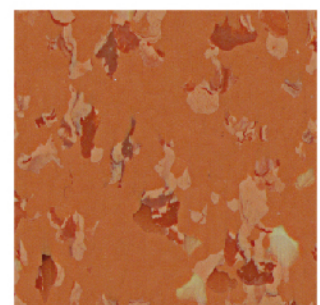
K835-312 Coffee
WR: W821-101



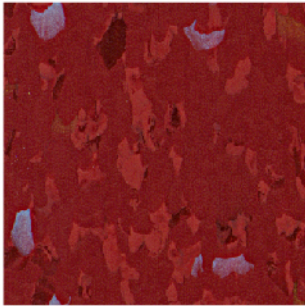
K835-315 Sunshine
WR: W835-315



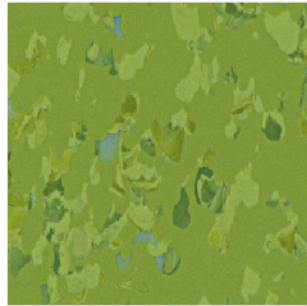
K835-414 Sun
WR: W835-414



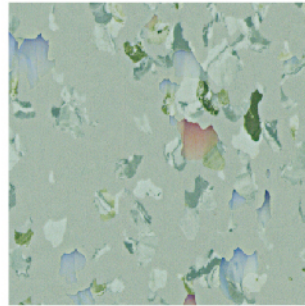
K835-416 Star
WR: W835-416



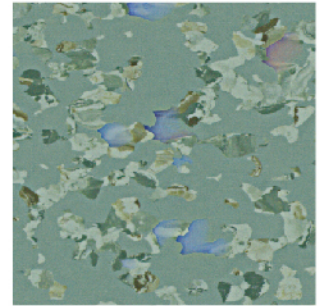
K835-417 Red Star
WR: W835-417



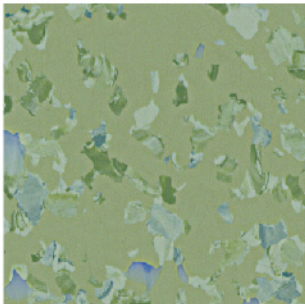
K835-518 Green Crystal
WR: W835-518



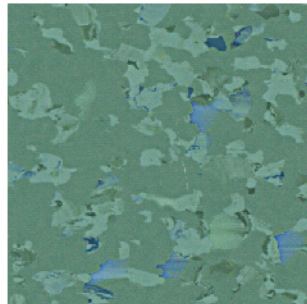
K835-526 Green Wave
WR: W835-526



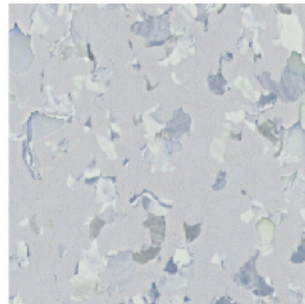
K835-527 Bright Green
WR: W835-527



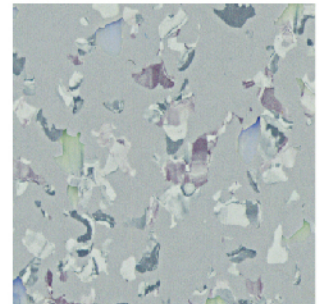
K835-528 Lake Green
WR: W835-528



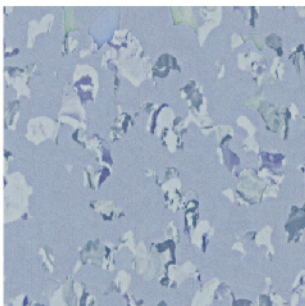
K835-529 Blue
WR: W835-529



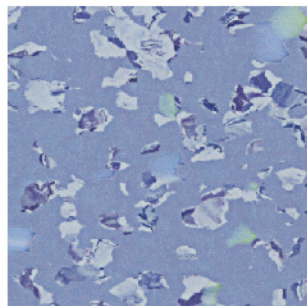
K835-621 Cloud Nine
WR: W835-621



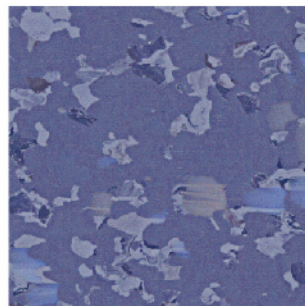
K835-622 Lake Shadow
WR: W835-622



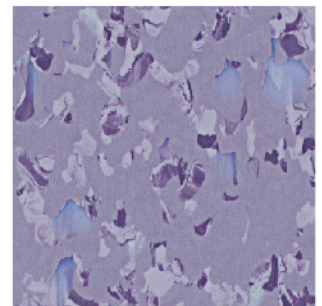
K835-623 Bright Blue
WR: W835-623



K835-624 Blue Hill
WR: W835-624



K835-625 Lilac
WR: W835-625



K835-719 Violet
WR: W835-719

HOMOGENEOUS VINYL SHEET

iSpark with TRUESHIELD Coating

Characteristics	Standard	Unit	Result
Type of floor covering			Homogeneous vinyl sheet
Material			Polyvinyl chloride
Polyurethane coating			TRUESHIELD

Safety Criteria

Fire resistance / Flammability	EN 13501-1	class	B _{fl} -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/m ³ after 28 days

General Properties

Roll width	EN 426	m	2
Roll length	EN 426	m	13 – 20
Overall thickness	EN 428	mm	2.0
Wear layer thickness	EN 429	mm	2.0
Product weight	EN 430	kg/m ²	2.7
Wear resistance	EN 660-2	group	T
Residual indentation	EN 433	mm	≤ 0.04
Dimensional stability	EN 434	%	X: < 0.4 ; Y: < 0.4
Flexibility	EN 435		10 mm mandrel, no cracking
Seam strength	EN 684		Mean ≥ 720N/50mm
Color fastness	ISO 105-B02		≥ 6
Static electrical propensity	EN 1815	kV	≤ 2.0
Resistance to staining	EN 423		Good resistance



COMMERCIAL – VERY HEAVY



INDUSTRIAL – HEAVY



SLIP RESISTANCE



SLIP RESISTANCE (DRY CONDITION)



FIRE RESISTANCE



COLOR FASTNESS



CHEMICAL RESISTANCE



STAINING RESISTANCE



ANTISTATIC



WEAR BY CASTOR CHAIRS



UNDERFLOOR HEATING



TRUESHIELD



10 YEARS WARRANTY



FloorScore™ certified



Eligible to LEED® credit



OP FREE



SINGAPORE GREEN BUILDING PRODUCT SGBC EXCELLENT

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