

Inspiring Great Spaces™



DIAMOND 10™ Coated Homogeneous Sheet

CRYSOLIT®



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

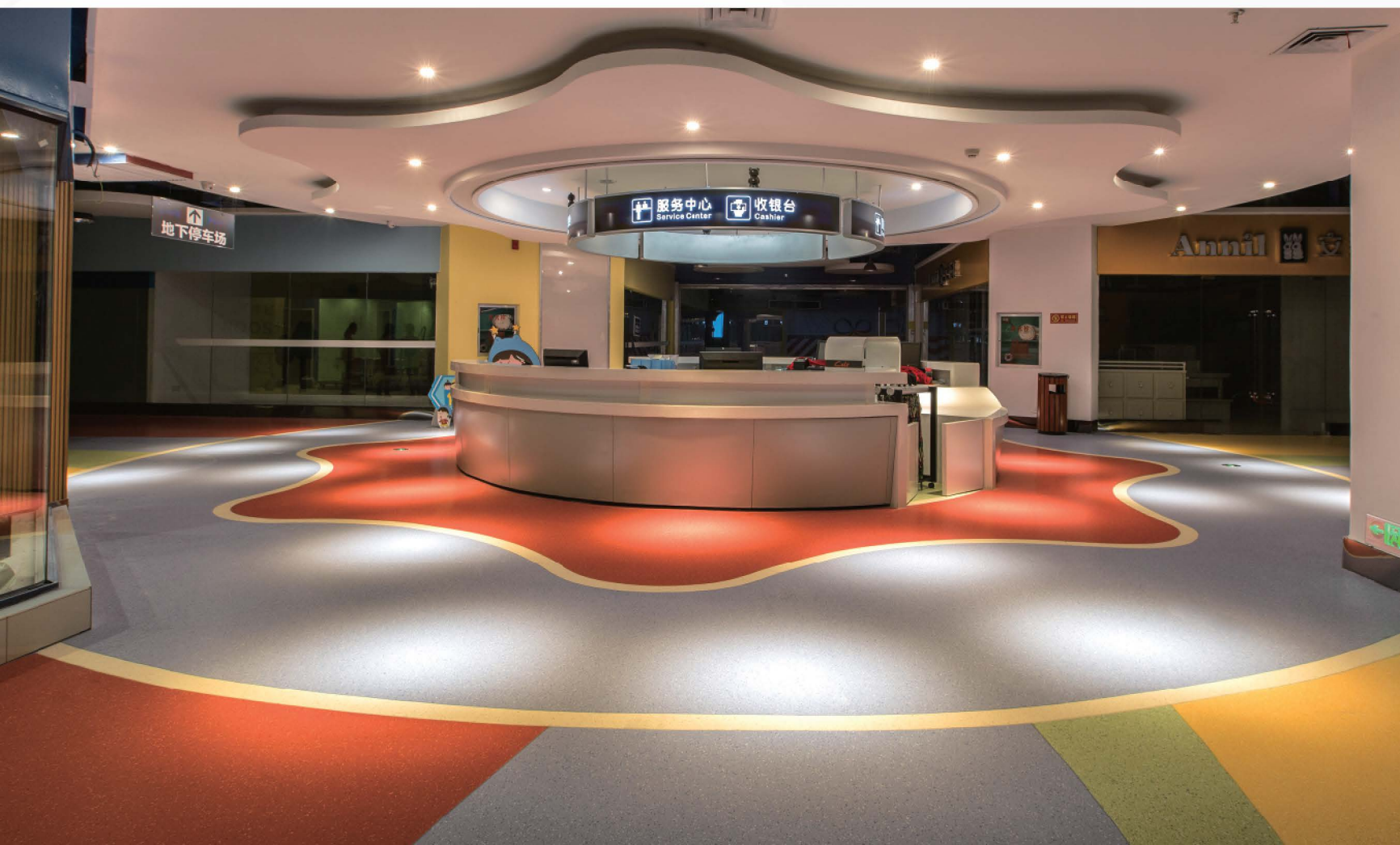
More Durable

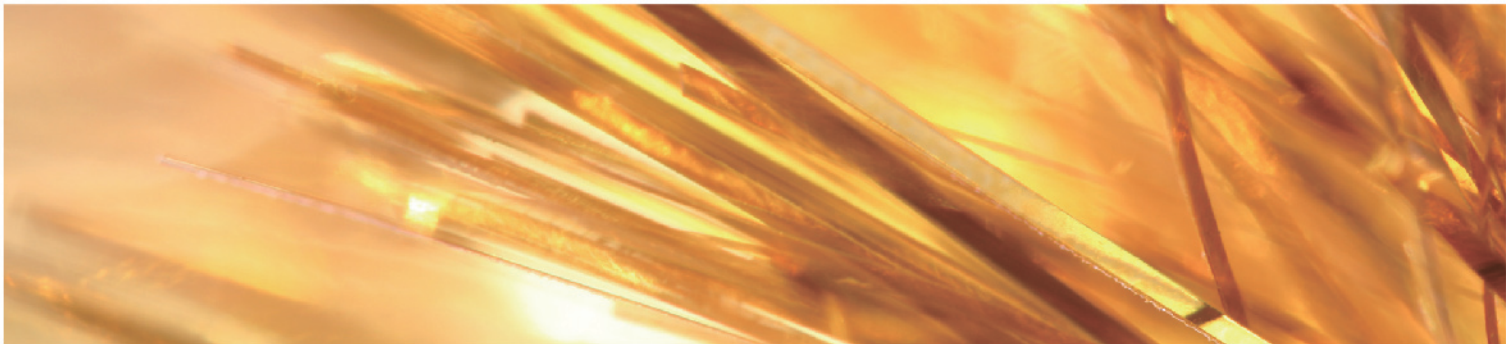
- Superb anti-scratching capability
- Double the average coating thickness of competitors
- Excellent user experience in durability

4

Chemical Resistance

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





This sample piece is applied with DIAMOND 10™



K841A-418 Carnelian
W841-418



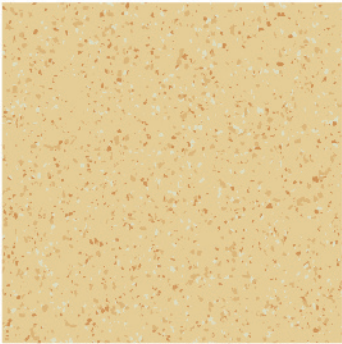
K841A-317 Light Golden
W841-317



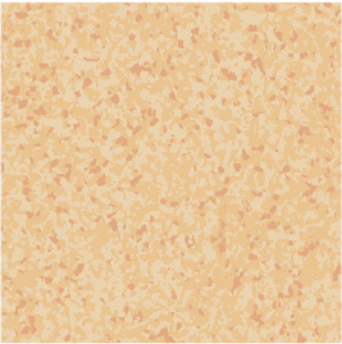
K841A-207 Filbert
W841-207



K841A-206 Almond
W841-206



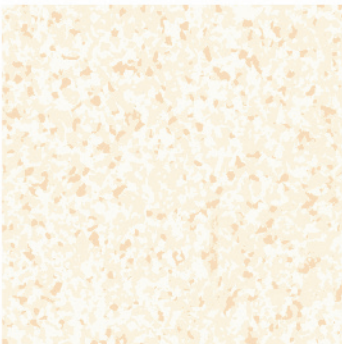
K841A-310 Light Yellow
W841-310



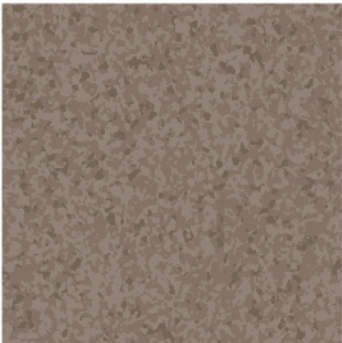
*K851A-308 Sunkist
W851-308



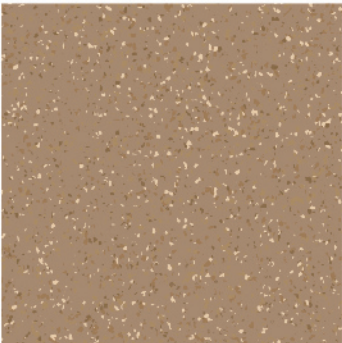
*K851A-305 Barley
W851-305



*K851A-304 Winkie
W851-304



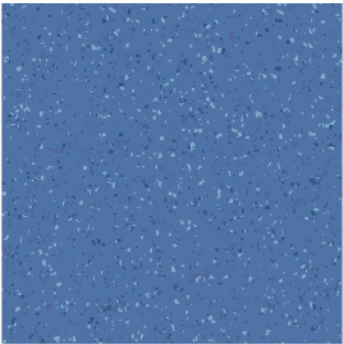
*K851A-107 Woolen
W851-107



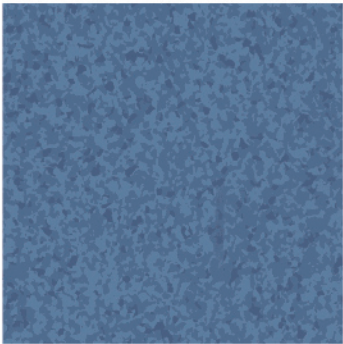
K841A-209 Espresso
W841-209



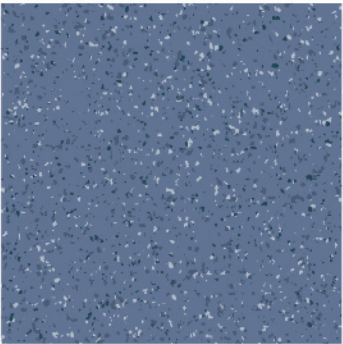
K841A-311 Cambric Tea
W841-311



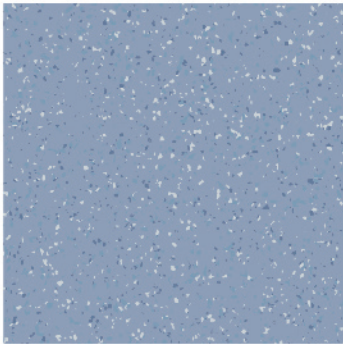
K841A-620 Sapphire
W841-620



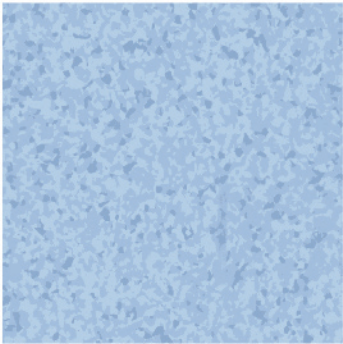
*K851A-610 Arcturus
W6051-12



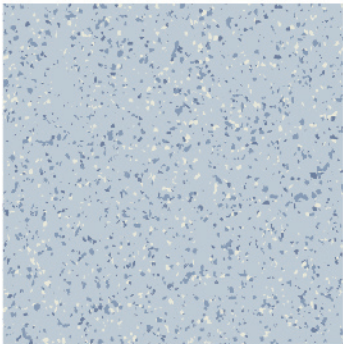
K841A-616 Ocean Blue
W841-616



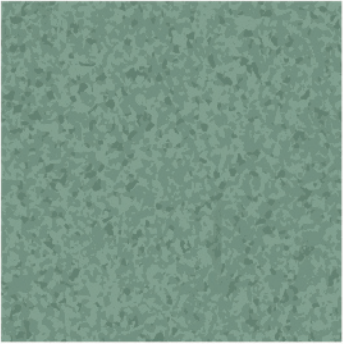
K841A-615 Lake Blue
W841-615



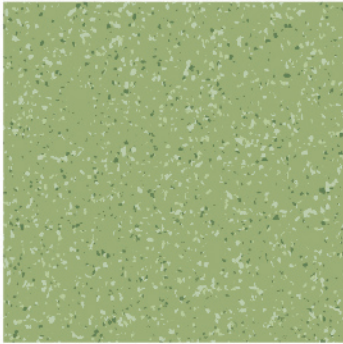
*K851A-609 Cryolite
W851-609



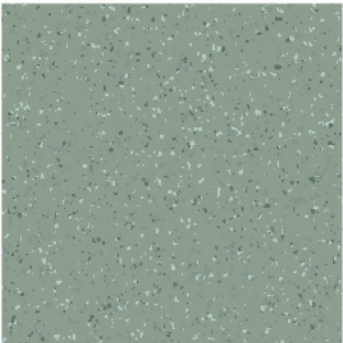
K841A-614 Porcelain Blue
W841-614



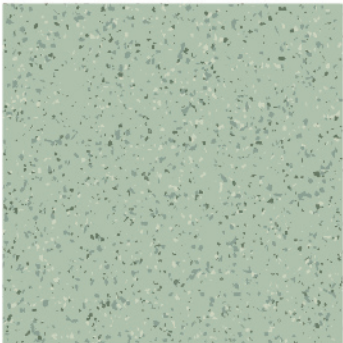
*K851A-512 Dietrich
W851-512



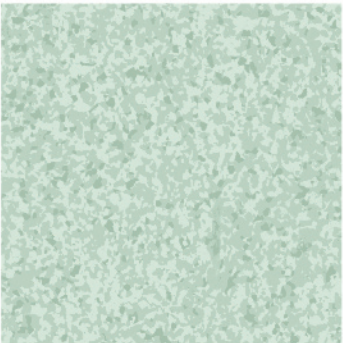
K841A-519 Fresh Green
W841-519



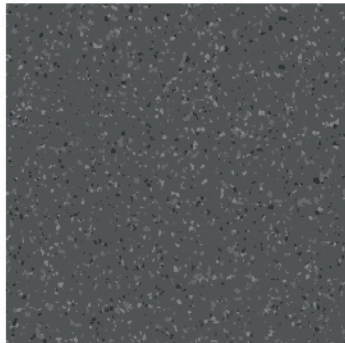
K841A-513 Tea Green
W841-513



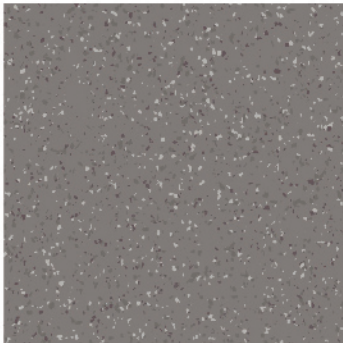
K841A-512 Soft Green
W841-512



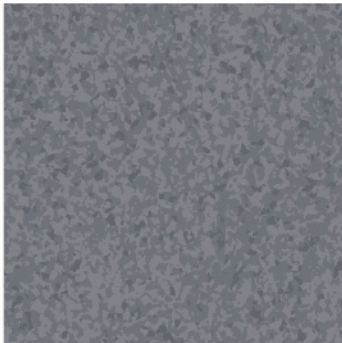
*K851A-511 Calaité
W851-511



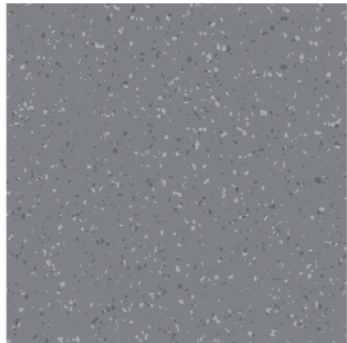
K841A-003
W811-005 Coal



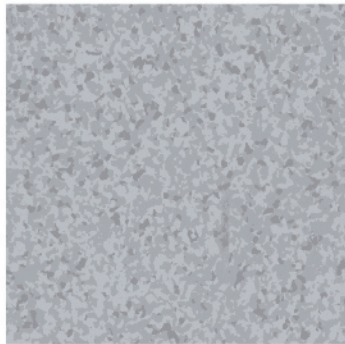
K841A-005
W811-109 Dark Brown



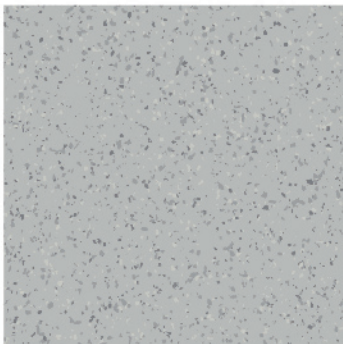
* K851A-003
W851-003 Eave



K841A-002
W841-002 Concrete



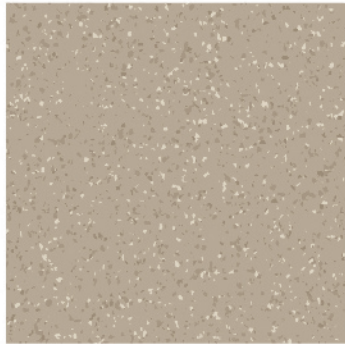
*K851A-002
W6152-06 Debris



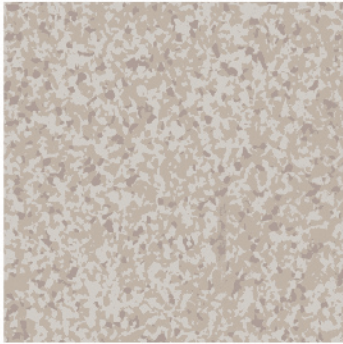
K841A-001
W841-001 Light Grey



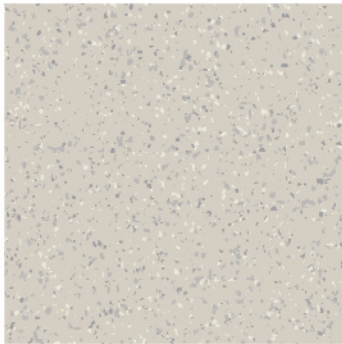
* K851A-001
W811-001 Ceilometer



K841A-208
W841-208 Cappuccino



*K851A-106
W851-106 Dense Gray



K841A-004
W841-004 Warm Grey

Technical Data

Characteristics	Standard	Unit	Result
Type of flooring	ISO 10581/EN 649		Homogeneous Sheet
Material			Polyvinyl chloride
Coating			DIAMOND 10™
Safety criteria			
Flammability	EN13501-1	class	B1 _{f1} -s1
Slip resistance	DIN 51130	group	R9
Dynamic coefficient of friction	EN 13893	class	DS
DOP content	EN 15777		Pass
Impact sound reduction	ISO 10140	dB	3
	ISO 717-2		
Performance behaviour			
Sheet width	ISO 24341-EN 426	m	2
Sheet length	ISO 24341-EN 426	m	13-20
Overall thickness	ISO 24346-EN 428	mm	2.0
Total weight	GB/T 11982.1-2005 EN 430	kg/m ²	2.85
Seam strength	EN 684		340N/50mm
Wear resistance	EN 649	group	T
Dimensional stability	GB/T 11982.1-2005 EN 434	-	X : < 0.4% Y : < 0.4%
Color fastness	ISO 105-B02	rating	≥ 6
Static load limit	ASTM F970(modified)		750 psi(52.73kg/cm ²)
Resistance to staining	EN 423		No Stain 0
Classification			
Domestic	ISO 10874-EN 685	class	23 heavy duty
Commercial	ISO 10874-EN 685	class	34 very heavy duty
Industrial	ISO 10874-EN 685	class	43 heavy duty
Additional property			

Castor Chair Underfloor Heating Antistatic Behaviour Chemical Resistance Anti-Betadine 

DOMESTIC - HEAVY



COMMERCIAL - VERY HEAVY



INDUSTRIAL - HEAVY



SLIP RESISTANCE

SLIP RESISTANCE
(DRY CONDITION)WEAR BY
CASTOR CHAIRSRESIDUAL
INDENTATION

ANTISTATIC

COLOR
FASTNESSUNDERFLOOR
HEATINGCHEMICAL
RESISTANCE10 YEARS
WARRANTY

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

www.armstrongflooring.asia

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