

TEKNOFLOR®

USN WEAR RESISTANT DECK TILE
MIL PRF 32170 QUALIFIED • QPL LISTED
TYPE I - CLASS 1 • TYPE II - CLASS 1



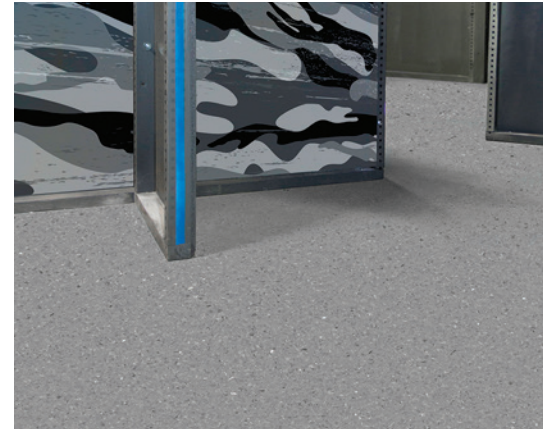
NO WAX
NO BUFF
EASY TO
CLEAN

TEKNOFLOR CS™

CHLORINE-FREE SHEET + TILE

CLEAN. DURABLE. VERSATILE.

Teknoflor® CS Collection™ of homogeneous, environmental polymer resilient sheet and tile is a new generation of natural, responsible and durable floor design. Developed with ENOMER®, a unique synthesized blend of high performance, clean polymers that is free from pvc, plasticizers, phthalates, halogens, chlorine and heavy metals, both CS sheet and CS tile have all of the benefits of vinyl, but without it. The collection offers exceptional durability and performance with transparent and sustainable materials, while maintaining a vibrant beauty and versatility of color. Used separately or together, the collection is sure to impress in any setting. For more information, please contact your Teknoflor sales representative, Philip “P.J.” Hughes, at 937.829.8316.



DESIGN

- Features a light chip pattern and nearly tone on tone appearance in a flexible design
- Offered in a wide variety of coordinating sheet + tile design styles

DURABLE AND LOW MAINTENANCE

- An ionomer-impregnated homogeneous construction gives the material high resistance to shocks, indentations and wear
- **No Wax. No Buff;** Easily cleaned by damp mopping or auto-scrubbing
- Compact surface rejects dirt allowing effortless cleaning while minimizing maintenance costs

ENVIRONMENTALLY FRIENDLY

- **ENOMER®** flooring material manufactured from a blend of pure thermoplastic polymers and natural minerals
- Contains 65% raw materials using less energy to convert to a finished product and is 100% recyclable
- Contains no Healthy Building Challenge Red List materials
- VOC: Practically emission-free
- Complies with REACH requirements for Substances of Very High Concern

SAFE

- ADA Compliant
- Meets fire test standards and is suitable for use in emergency exits and corridors

OVERALL THICKNESS

- 2.0 mm

WARRANTY

- 12 Years

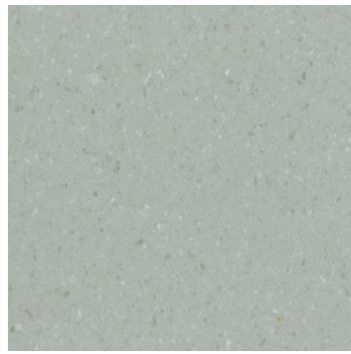
APPLICATIONS

- Ideal for Retail, Corporate/Office, Hospitality, Academic and Government Environments

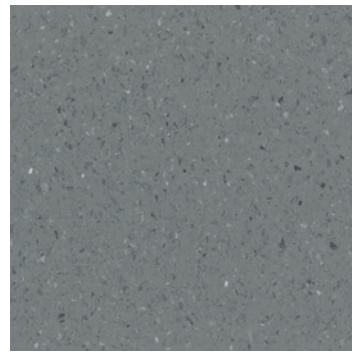
TEKNOFLOR CS CHLORINE-FREE SHEET



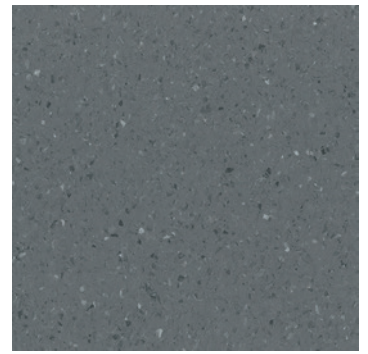
5501E Coconut



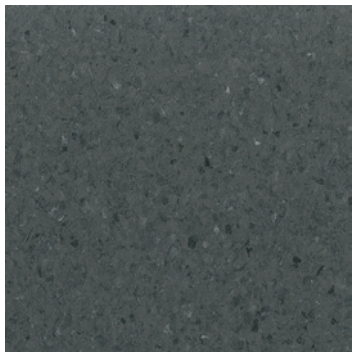
5502E Cookies & Cream



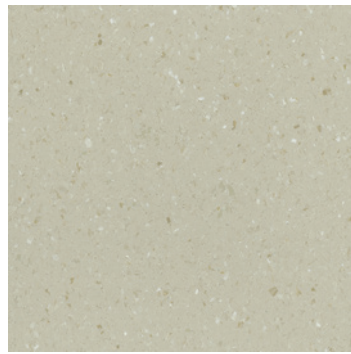
5503E Salt & Pepper



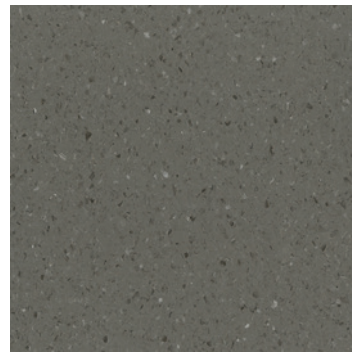
5504E Blueberry Cobbler



5505E Smokehouse



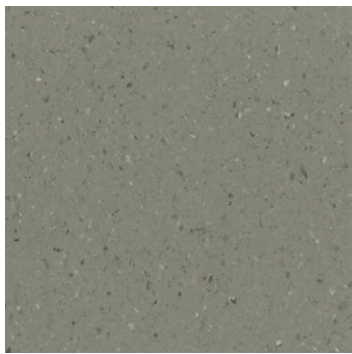
5507E Latte



5512E Mocha



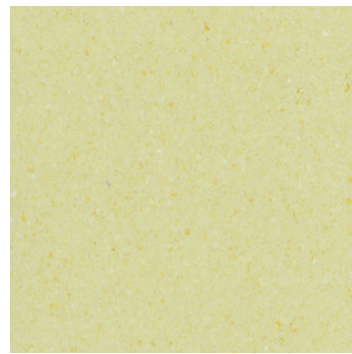
5513E Bleu Cheese



5514E Sesame



5520E Vanilla Bean



5521E Banana



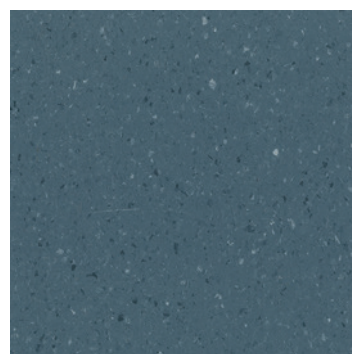
5523E Cashew



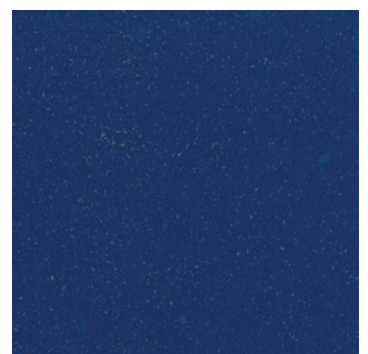
5549E Salsa



5556E Blue Raspberry



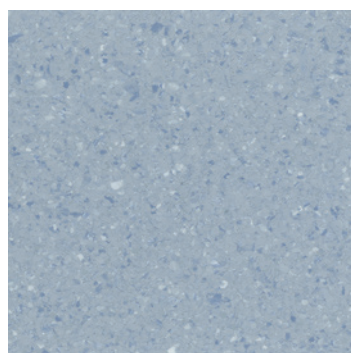
5557E Sprinkles



5559E Blueberry



5728E Maise



5754E Ice



5762E Apple

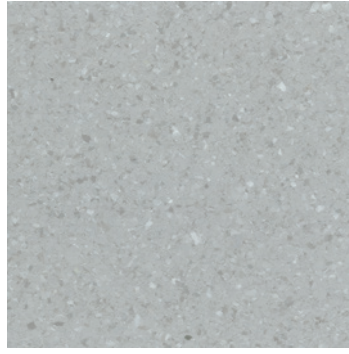


5763E Sage

TEKNOFLOR CS CHLORINE-FREE TILE



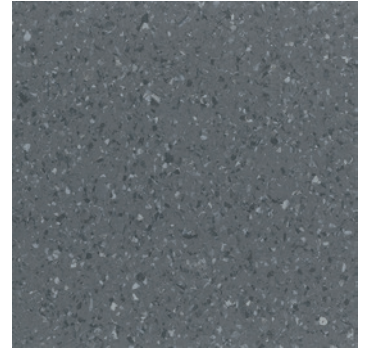
5501T Coconut



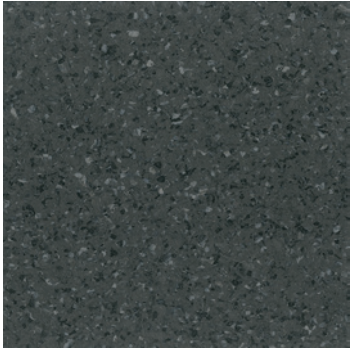
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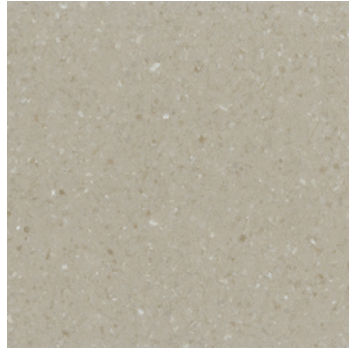
5503T Salt & Pepper



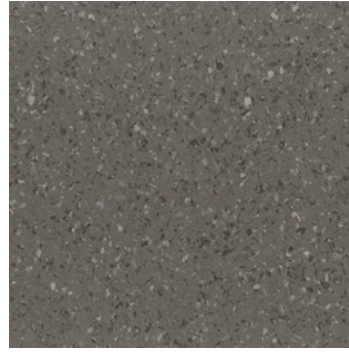
5504T Blueberry Cobbler



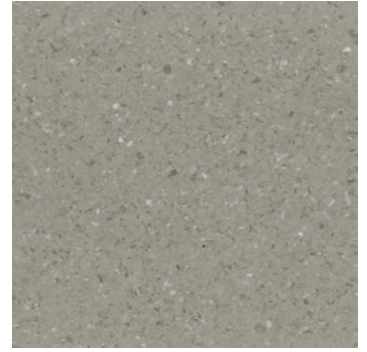
5505T Smokehouse



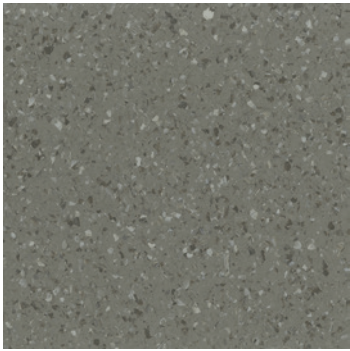
5507T Latte



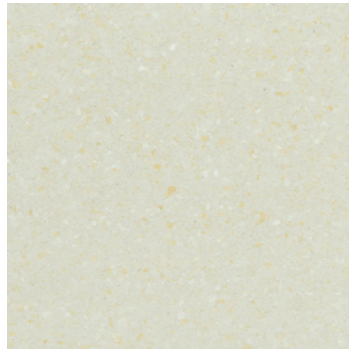
5512T Mocha



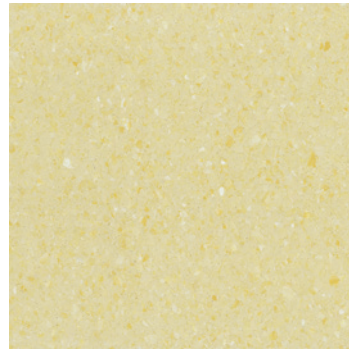
5513T Bleu Cheese



5514T Sesame



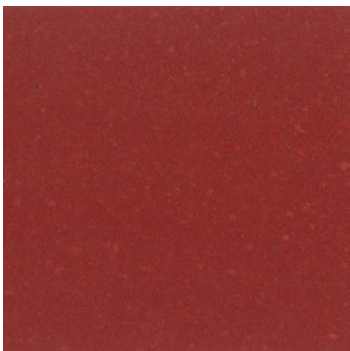
5520T Vanilla Bean



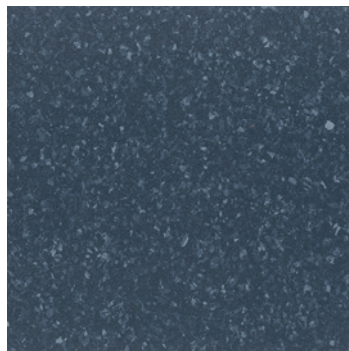
5521T Banana



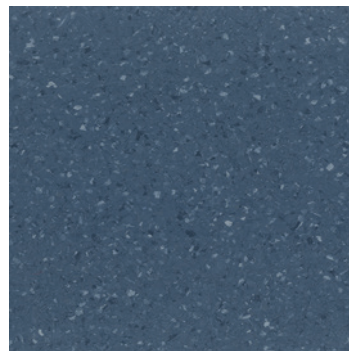
5523T Cashew



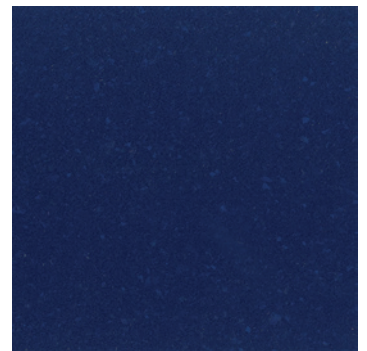
5549T Salsa



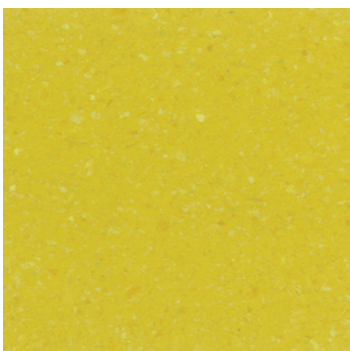
5556T Blue Raspberry



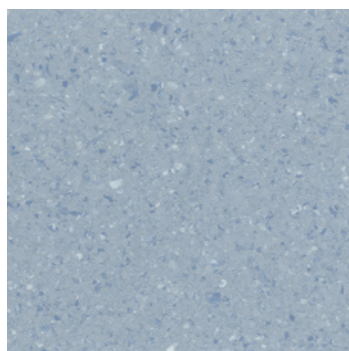
5557T Sprinkles



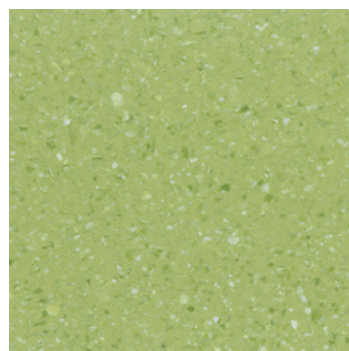
5559T Blueberry



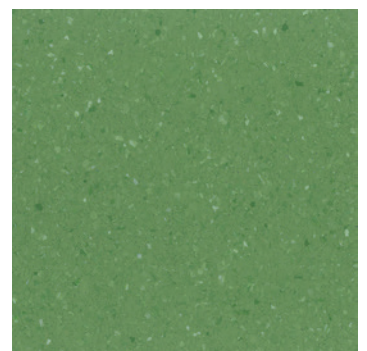
5728T Maise



5754T Ice



5762T Apple



5763T Sage

TEKNOFLOR® CS™

CHLORINE-FREE SHEET

PRODUCT DATA		PACKAGING	
COMPOSITION	ENOMER® & NATURAL MINERALS	ROLL SIZE	43.25 sq. yd.
PVC & HALOGENS	NONE	WEIGHT	0.65 lbs. / sq. ft. 255 lbs. / Roll
PLASTICIZERS & PHTHALATES	NONE		
DIMENSIONS	4' 9" Wide x 82' Long (1.45m x 25m)		
OVERALL THICKNESS	.09" (2.0mm)		

PERFORMANCE SPECIFICATIONS	TEST METHOD	STANDARD REQUIREMENT	RESULT
CHEMICAL RESISTANCE	ASTM F925	0- No change or 1 - Slight Change	0 - No Change
HEAT STABILITY COLOR CHANGE	ASTM F1514	$\Delta E < 8.0$ avg. @ 7 days	Passes (Avg. ΔE 0.44)
LIGHT STABILITY COLOR CHANGE	ASTM F1515	$\Delta E < 8.0$ avg. @ 300 hrs.	Passes (ΔE 1.18)
SHORT TERM INDENTATION	ASTM F1914	avg. < 8.0 @ 75 lbs	Passes (Avg. 2.7%)
STATIC LOAD LIMIT	ASTM F970	250 psi \leq 0.005" Residual Indentation	Exceeds Requirements 2,000 psi at maximum limit
FLOORSCORE	Certified		SCS-FS-02256
HEAVY METALS	ASTM F963		No concern with Heavy Metals
ABRASION RESISTANCE	ASTM D4060	H18 Wheel & 1 kg mass applied	0.01 grams per 1,000 cycles
CASTOR CHAIR TEST	ISO 4918	150 lbs. Load 25,000 cycles / Rating Scale 1-5 / 5 - No Change / 1 - Severe Change	25,000 cycles: 5 - No Change
REACH - Substances of Very High Concern (SVHC)	Test for EU REACH Chemicals of concern	SVHC's tested must be less than 0.1% by product weight	Passes

SAFETY PERFORMANCE	TEST METHOD	STANDARD REQUIREMENT	RESULT
STATIC COEFFICIENT OF FRICTION (SCOF)	D2047	≥ 0.5 SCOF Dry	≥ 0.6 SCOF, Dry & Wet
DYNAMIC COEFFICIENT OF FRICTION (DCOF)	ANSI A326.3	≥ 0.42 DSCOF, Wet	Passes
CRITICAL RADIANT FLUX	E648	Class I: ≥ 0.45 w/cm ² Class II: ≥ 0.22 w/cm ²	Class I
SMOKE GENERATION	E662	<450 Flaming	<450 Flaming & Non-Flaming
MICROBIAL RESISTANCE			Does Not Support Microbial growth
APPROVED FOR EMERGENCY EGRESS AREAS - NFPA 101			

TEKNOFLOR® CS™

CHLORINE-FREE TILE • USN WEAR RESISTANT DECK TILE

PRODUCT DATA	
COMPOSITION	ENOMER® & NATURAL MINERALS
PVC & HALOGENS	NONE
PLASTICIZERS & PHTHALATES	NONE
DIMENSIONS	19.685" x 19.685" (500mm x 500mm)
OVERALL THICKNESS	.09" (2.0mm)

PACKAGING	
CARTON SIZE	20 Tiles/Carton 53.82 SF/Carton
WEIGHT	39 lbs/Carton

PERFORMANCE SPECIFICATIONS	TEST METHOD	STANDARD REQUIREMENT	RESULT
CHEMICAL RESISTANCE	EN ISO 26987	0- No change or 1 - Slight Change	Excellent
HEAT STABILITY ASTM	ASTM F1514	$\Delta E < 8.0$ avg. @ 7 days	Passes (Avg. ΔE 0.44)
LIGHT STABILITY ASTM	ASTM F1515	$\Delta E < 8.0$ avg. @ 300 hrs.	Passes (ΔE 1.53)
RESIDUAL INDENTATION	EN ISO 24343-1 (2,5 h)		< 0.05mm
STATIC LOAD LIMIT	ASTM F970	250 psi \leq 0.005" Residual Indentation	Exceeds Requirements 2,000 psi at maximum limit
FLOORSCORE	Certified		SCS-FS-02256
HEAVY METALS	ASTM F963		No concern with Heavy Metals
ABRASION RESISTANCE	ASTM D4060	H18 Wheel & 1 kg mass applied	0.02 grams per 1,000 cycles
CASTOR CHAIR TEST	EN 425		Suitable
REACH - Substances of Very High Concern (SVHC)	Test for EU REACH Chemicals of concern	SVHC's tested must be less than 0.1% by product weight	Passes

SAFETY PERFORMANCE	TEST METHOD	STANDARD REQUIREMENT	RESULT
STATIC COEFFICIENT OF FRICTION (SCOF)	D2047	≥ 0.5 SCOF Dry	≥ 0.6 SCOF, Dry & Wet
DYNAMIC COEFFICIENT OF FRICTION (DCOF)	ANSI A326.3	≥ 0.42 DSCOF, Wet	Passes
CRITICAL RADIANT FLUX	E648	Class I: ≥ 0.45 w/cm ² Class II: ≥ 0.22 w/cm ²	Class I
SMOKE GENERATION	E662	<450 Flaming	<450 Flaming & Non-Flaming
APPROVED FOR EMERGENCY EGRESS AREAS - NFPA 101			

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 GS-27F-0036V
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