

# TEKNOFLOR®

CHLORINE-FREE HOMOGENEOUS SHEET



NO WAX  
NO BUFF  
EASY TO  
CLEAN

## TEKNOFLOR CS™

CHLORINE-FREE HOMOGENEOUS SHEET

# 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.



## DESIGN

- Features a light chip pattern and nearly tone on tone appearance in a flexible design
- Offered in a wide variety of design styles to choose from

## 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

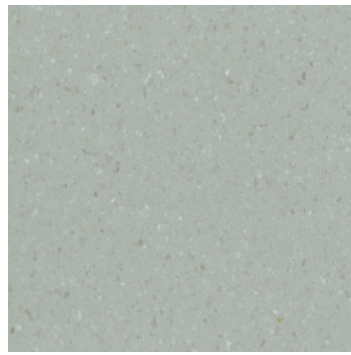
## APPLICATIONS

- Ideal for Healthcare, Senior Living, Retail, Corporate/Office, Hospitality, Academic and Educational Environments

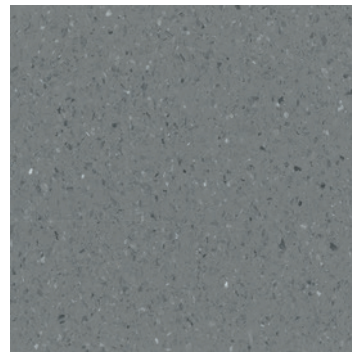




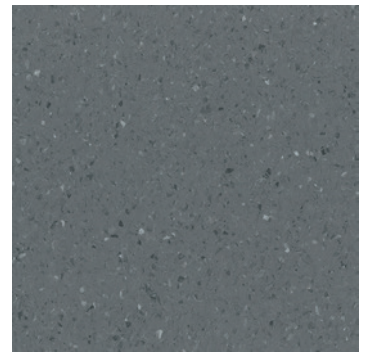
5501E Coconut



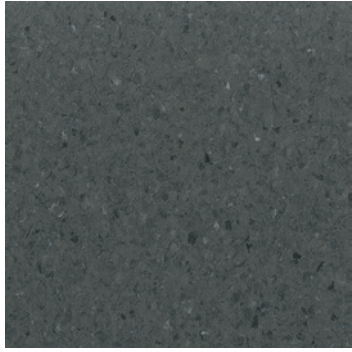
5502E Cookies & Cream



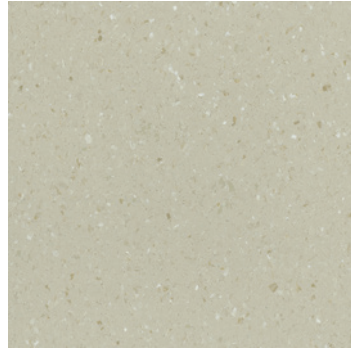
5503E Salt & Pepper



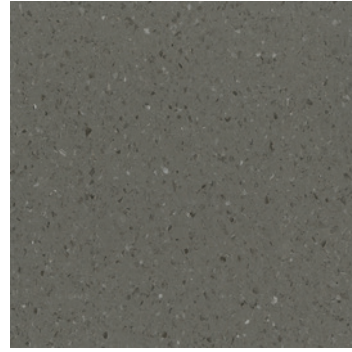
5504E Blueberry Cobbler



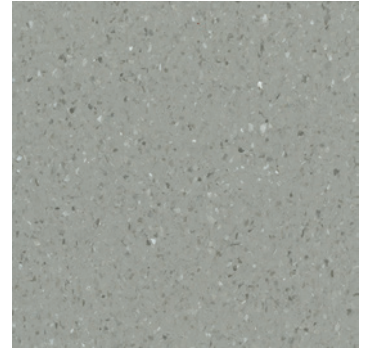
5505E Smokehouse



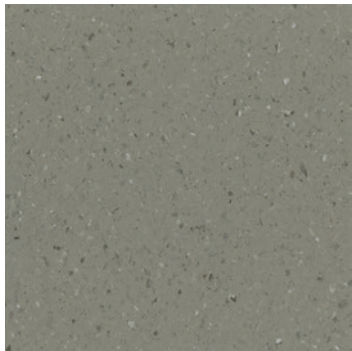
5507E Latte



5512E Mocha



5513E Bleu Cheese



5514E Sesame



5520E Vanilla Bean



5521E Banana



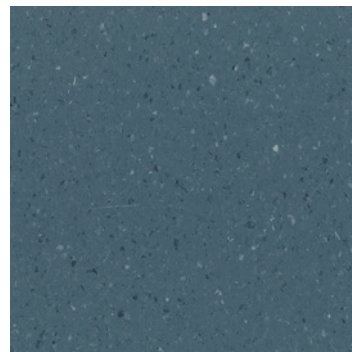
5523E Cashew



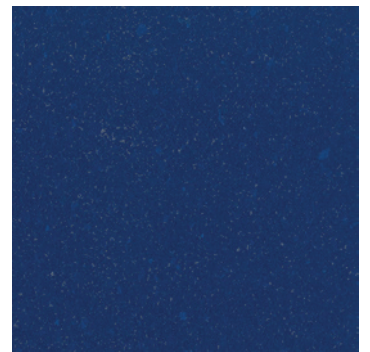
5549E Salsa



5556E Blue Raspberry



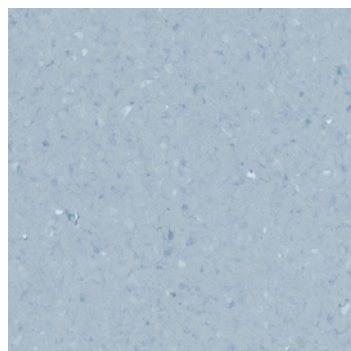
5557E Sprinkles



5559E Blueberry



5728E Maise



5754E Ice



5762E Apple



5763E Sage

# TEKNOFLOR® CS™

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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. $\Delta E$ 0.44)
LIGHT STABILITY COLOR CHANGE	ASTM F1515	$\Delta E < 8.0$ avg. @ 300 hrs.	Passes ( $\Delta E$ 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	$\geq 0.5$ SCOF Dry	$\geq 0.6$ SCOF, Dry & Wet
DYNAMIC COEFFICIENT OF FRICTION (DCOF)	ANSI A326.3	$\geq 0.42$ DSCOF, Wet	Passes
CRITICAL RADIANT FLUX	E648	Class I: $\geq 0.45$ w/cm <sup>2</sup> Class II: $\geq 0.22$ w/cm <sup>2</sup>	Class I
SMOKE GENERATION	E662	$< 450$ Flaming	$< 450$ Flaming & Non-Flaming
MICROBIAL RESISTANCE			Does Not Support Microbial growth
<b>APPROVED FOR EMERGENCY EGRESS AREAS - NFPA 101</b>			



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