

Product Specifications / Technical Data

Collection Name : Vinyl Composition Tile, Crescendo DELUXE TILE

■ Specification

Composition	Homogeneous PVC Tile		
Size	300x300mm	300x300mm	450x450mm
Thickness	2.0mm	3.0mm	3.0mm
Wearlayer	Chip-Through		
Finish	Special Treatment		
Pcs/Box	55	37	16
Box/Pallet	72	72	72
Pallet/20D'	12	12	12
Sqm/Box	4.95	3.32	3.24
Box/20D'	864	864	864
Sqm/20D'	4,277	2,868	2,799
Kg/Box	21	21	21

■ Testing

Item		Standard Test Methods	Requirement		
			2mmT	3mmT	
Appearance	Damage and Cracking	KS-M3802	None	None	
	Peeling		None	None	
	Abnormal unevenness, irregularity of pattern, gloss and tone of color, stain, flaw and mingling of substances		None	None	
	Magnitude of dent (20°C)		0.3	0.3	
	Magnitude of dent (45°C)		0.3	0.3	
	Residual Indentation (%)		7.3	7.5	
	Variation in length due to heating(6h) - C.D (80°C)		0.15	0.14	
	Variation in length due to heating(6h) - M.D (80°C)		0.15	0.12	
	Variation in length due to water absorption (C.D) - 120h (20°C)		0.1	0.1	
	Variation in length due to water absorption (M.D) - 120h (20°C)		0.1	0.1	
	Loss in weight due to heating (6h) (100°C)		0.1	0.2	
	Staining resistance (Soybean oil)		No remarkable change in color and gloss and swell		
	Staining resistance (Lubrication oil)				
	Staining resistance (95% Ethyl alcohol)				
	Staining resistance (Cement Paste)				
	Staining resistance (10% Aqueous ammonia)				
	Staining resistance (Cow's milk)				
	Staining resistance (5% Acetic acid)				
	Staining resistance (5% Hydrochloric acid)				
	Staining resistance (Kerosine)				
	Staining resistance (Soy sauce)				
	Scratch Test - 95% Ethanol _ mm	2.1	2.2		
	Scratch Test - 2% Aqueous Sodium Hydroxide Solution _ mm	1.6	1.5		
	Scratch Test - Soybean Oil _ mm	1.9	1.9		
	Scratch Test - Kerosene	2.2	2.2		

■ Certificate / Sustainability

VOC emission	Low
Formaldehyde	Free
Acetaldehyde	Free
ASTM E 648 - Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source	Meets or exceeds Class 1 rating as specified in NFPA Life Safety Code 101.