PURELUX FLOORING

Imperlux series

BONDI

CARDIFF

CORONADO

DEL MAR

IMPERIAL BEACH

LA COSTA

LAJOLLA

MORNINGSIDE

SAN CLEMENTE

SOLANA BEACH

Purelux
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Imperlux series

Product:	Stone Plastic Composite
Series:	Imperlux
Dimensions:	7mm x 9” W x 70.8” L
IIC:	72
STC:	73
Wear Layer:	20 mil
Texture:	EIR
Bevel:	Painted V-Groove
Certification:	FloorScore & Greenguard Certified
Lock System:	Drop Lock with 5G locking system
Coverage/Box:	22.09 Sq.Ft
Box/Pallet:	48
Weight/Box:	50 Lbs
Residential Warranty:	30 Years Limited
Commercial Warranty:	8 Years Limited

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Test Results

Test	Results	Requirements
ASTM E662-17 Smoke Density Test (Flaming)	passes	Refer to Standard
ASTM E662-17 Smoke Density Test (Non-Flaming)	passes	Refer to Standard
ASTM F970-15 Static Load Limit (Residual Indentation)	0.00mm	/
ASTM F1514- 03(2013) Resistance to Heat	passes	Average$\Delta E^*ab \leq 8.0$
ASTM F1515-15 & ASTM D2244-16 Light Stability	passes	Average ΔE^*ab: 1.7
ASTM C1028-07 Static Coefficient of Friction	Dry condition: 0.87 Wet condition: 0.79	Min.: 0.5
ASTM E648- 15e1 Critical Radiant Flux	≥ 0.45 Class I	≥ 0.45
ASTM D4060-14 Abrasion Resistance	Weight loss: 108mg Abrasion index: 21.6 (1000·mg/cycle)	/
ASTM F1914- 07(2011) Residual indentation	Average: 0.6% Maximum: 0.7% Minimum: 0.4%	Average value: ≤ 8% Maximum value: 10%
ASTM F925- 13 Resistance to Chemicals	Rating 0: No change	No more than a slight change in surface dulling, surface attack or staining
ASTM F2199- 09(2014) Dimensional stability	Length Direction:-0.01% Width Direction:-0.02%	≤ 0.51mm/305mm (≤ 0.17%)
ASTM F2199- 09(2014) Curling	0.0mm	/
ASTM F963-11 Heavy Metals	Passes	Refer to Standard
ASTM D3421-75 Phthalate	Passes	Refer to Standard
ASTM E492-09(2016)ε1 ASTM E989-06(2012) Determination of Impact Sound Insulation Class	IIC = 72	Refer to Standard
ASTM E90-09 ASTM E413-16 Airborne sound transmission loss test and class	STC =73	Refer to Standard

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