

CARPET TILE SPECIFICATION EMPORIUM: GRADATION

Construction	: Tufted Level Loop
Pile Content	: 100% Nylon BCF
Dyeing Method	: Solution Dyed
Tufting Gauge	: 1/10 inch
Tufted Density	: 1,614 / Dm ²
Pile Weight	: 18 oz./sq.yd. (610 gram/sq.m.)
Pile Height	: 4 mm.
Primary Backing	: Non Woven Polyester Spunbond
Secondary Backing	: EcoSoft®, Recycled Cushion Backing
Pile Treatment	: Stain Protector and Soil Repellency
Tile Size	: 50 x 50 cm.



Performance

Overall Classification (BS EN 1307)	: Heavy
Castor Chair Rating (BS EN 985)	: ≥ 2.4 Continuous use
Dimension Stability (BS EN 986)	: ≤ 0.15%
Static Electricity (AATCC 134)	: ≤ 3.0 kV, under standard test condition (70 F & 20% RH)

Colour Fastness

To Light (ISO 105 B02)	: 4 - 5 or better
To Rubbing Wet (ISO 105 - X12)	: Minimum 4
To Rubbing Dry (ISO 105 - X12)	: Minimum 4

Flammability

Hot Metal Nut Test (BS 4790)	: Low radius of effects of ignition
Flame Resistance (ASTM D 2859)	: Passes Methenamine Pill Test
Radiant Panel Test (ASTM E648)	: ≥ 0.45 watt/cm ² - Class I
Smoke Density (ASTM E662)	: ≤ 450 Dmc
Reaction to Fire Test (BS EN ISO 9239 - 1)	: Criteria Heat Flux ≥ 8.0 kW/m ² , Class B _{fl} - s1

Acoustic Behavior

Sound Absorption (EN ISO 354 and EN ISO 11654)	: Average Coefficient (α _w) 0.4 (H)
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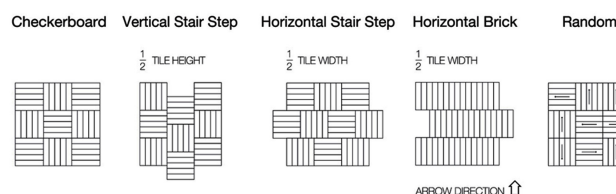
Indoor Air Quality

All carpets and rugs produced by Carpets International Thailand. This product are certified through the Carpet & Rug Institute (CRI) Green Label Plus® certification program, as GLP7543

Tolerance

Carpets International Thailand PCL applies strict quality control at all stages of production, in compliance with ISO 9001. However, as carpet manufacturer is a complex series of operations, slight variations in the weights quoted must be expected. Specifications are subject to change without notice but this will not have detrimental effect on the performance of the product.

Installation Method



Certification

