



Joy Carpets & Co.

## Empire 20 Mil Specifications and Warranties

### General:

Description:	Luxury vinyl tile
Class:	Class III printed film vinyl tile, Type A (smooth) Type B (embossed)
Wear Layer Thickness:	20 mil (.5mm)
Overall Thickness:	4 mm
Size:	12"W x 24"L
Finish:	Quartz Enhanced Urethane
Installation:	Direct glue
Recommended Adhesive:	Premium, high strength, spread or spray adhesive
Recommended Underlayment:	Premium, noise-reducing underlayment

### Packaging:

Square Feet / Carton:	18 sqft
Pieces / Carton:	9 pcs
Weight / Carton:	27.56 lbs
Cartons / Pallet:	76 cartons

### Performance:

Slip Resistance:	ADA Compliant (ASTM D2047)
Dimensional Stability:	less than .02"/ft (ASTM F2199)
Static Load:	750 psi (lbs/sqin) (ASTM F970)
Flexibility:	Pass (ASTM F137)
Heat Resistance:	Pass (ASTM F1514)
Light Resistance:	Pass (ASTM F1515)
Chemical Resistance:	Pass (ASTM F925)
Fungal Resistance:	Pass (ASTM G21)
Bacterial Resistance:	Pass (AATCC 147)
Indoor Air Quality:	FloorScore certified

### Flammability:

Radiant Flux:	>.45 watts/cm <sup>2</sup> , NFPA Class I (ASTM 648)
Smoke Density:	Pass <450 (ASTM E662)

### Maintenance:

Routine Cleaning:	Sweep, vacuum, or dust mop. Add neutral pH cleaner to cool water following manufacturer's recommendations. As needed, scrub with a low-rpm machine or auto scrubber using a red pad and neutral cleaner following manufacturer's instructions.
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### Warranty:

10 Year Commercial Limited Warranty