

MILLWORKS FLOORING

Carrington Plus – Technical Specifications

2.0mm Dry Back Luxury Vinyl Plank

Dimensions:	6" by 36", 6" by 48", 7" by 48"
Overall Thickness:	2.0mm
Wear Layer Thickness:	0.15mm (6 mil)
Surface Treatment:	UV Cured Coating with AlOx
Warranty:	15 Year Residential, 5 Yrs. Light Commercial
Construction:	Multi-layered product consisting of core layers, wear layer, printed film and backing
Recycle Content:	100% Virgin PVC, product contains a minimum of 10% trim recycle
Embossing:	Wood grain

Classification:	ASTM F 1700-04 Class III, type B Solid Vinyl Floor Tile
Flammability	ASTM D 2859-06/CPSC FF 1-70, Passes
Critical Radiant Flux	ASTM E 648-06, Class I, CRF \geq 0.45
Smoke Density	ASTM E 662-06, < 450
Slip Resistance	ASTM C 1028, > 0.60
Static Load Limit	ASTM F 970, Exceeds 2,000 pounds
Heat Stability	ASTM F 1514, Passes
Light Stability	ASTM F 1515, Passes

Packaging (6" by 36")

Quantity per Carton	45.0 Square Feet
# Cartons per Pallet	48 Cartons / Pallet or 2,160 Square Feet
# Pallets / Container	25 Pallets / Container
Quantity per Container	54,000 Square Feet

Packaging (6" by 48") – Container quantities only.

Quantity per Carton	40.0 Square Feet
# Cartons per Pallet	60 Cartons / Pallet or 2,400 Square Feet
# Pallets / Container	22 Pallets / Container
Quantity per Container	52,800 Square Feet

Packaging (7" by 48") – Container quantities only.

Quantity per Carton	46.67 Square Feet
# Cartons per Pallet	60 Cartons / Pallet or 2,683.8 Square Feet
# Pallets / Container	20 Pallets / Container
Quantity per Container	53,676.0 Square Feet



Carrington Plus is FloorScore® certified for indoor air emissions.



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Installation Guidelines:

The installation of Carrington Plus Luxury Vinyl Flooring should not begin until the work of all other trades has been completed, especially overhead trades. The areas to receive flooring materials shall be clean and fully enclosed. The area should be maintained at a minimum of 65° F and a maximum of 75° F for 48 hours before the installation, during the installation and for 48 hours after the installation is completed. The flooring materials and adhesives shall be conditioned in the same manner.

Wood subfloors must have a minimum 18" (47 cm) of cross ventilated space between the bottom of the joist and ground. Exposed earth crawl spaces should be sealed with a polyethylene moisture barrier. Subfloors should meet local and national building codes.

Single Wood and Tongue and Groove subfloors should be covered with 1/4" (6.4 mm) or 1/2" (13 mm) APA approved underlayment plywood. Use 1/4" (6.4 mm) thick underlayment panels for boards with a face width of 3" (76 mm) or less. For boards wider than 3" (76 mm) face width use 1/2" (13 mm) underlayment panels. Countersink nail heads and fill depressions, joints, cracks, gouges, and chipped edges with a good quality Portland cement based patching compound. Do not install over OSB (Oriented Strand Board), particle board, chipboard, lauan, or composite type underlayment.

Concrete shall be prepared utilizing ASTM F 710, Practice for Preparing Concrete Floors and Other Monolithic Floors to receive Resilient Flooring. Floors shall be smooth, flat, permanently dry, clean, and free of all foreign material such as dust, paint, grease, oils, and solvents, curing and hardening compounds, sealers, asphalt, and old adhesive residue. Floor covering shall not be installed over expansion joints. It is essential that moisture tests be taken on all concrete floors regardless of age and grade level. One test should be conducted for every 1,000 sq. ft. of flooring and the results not exceed 5 lbs. per 1,000 sq. ft. in 24 hours when tested in accordance with ASTM F 1869 Standard Test method for Measuring Vapor Emission Rate of Concrete Subfloor using Anhydrous Calcium Chloride or 80% when tested accordance with ASTM F 2170 Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs using in situ Probes. If the tests results exceed the limitations, the installation must not proceed until the problem has been corrected.

Refer to the Millworks Dry Back Luxury Vinyl Tile installation instructions for complete installation details.

