



ASCEND® 7" COMPOSITE PLANK TECHNICAL SUMMARY

PHYSICAL DATA

Plank Projection	3/4"
Width	8.25"
Exposure	7"
Length	12' 3"
Butt Height	3/8"
Weight	.31 lbs/ft.
Packaging	14 planks/carton
Color	Uniformity is spectrophotometrically controlled
Emboss	Cedar mill grain
Gloss	Uniform low gloss maintained with a 75° gloss meter

PRODUCT TEST DATA

Impact Resistance	>35 inch lbs.
Coefficient of Linear Expansion (in/in/°F)	2.3 x 10 ⁻⁵
Thermal Resistance	R-value 2.0

PRODUCT TEST DATA (CONT'D)

ASTM D3345	
Termite Resistance	Complete Resistance
ASTM D5206-13	
Windload Resistance (24" OC nails, 1-1/4" penetration)	53 psf

FIRE RESISTANCE

ASTM E84 - Class A	
Flame Spread Index	≤25
Smoke Developed Index	≤450
ASTM E2707-22	
Rated Assemblies	Approved for Use
ASTM E119	
Rated Assemblies	Approved for Use
ASTM D635	
Rate of Burn	No Self Sustained Burn
ASTM D1929	
Self Ignition Temp	770°F (410°C)
Flash Ignition Temp	734°F (390°C)
NFPA 268	
Section 1406 of IBC	Approved for Use

COLORS



CODES AND REGULATORY COMPLIANCE

Intertek Code Compliance Research Report #0316
ICC-ES Evaluation Report – ESR 4449
Florida Product Approval #31747

THREE PART FORMAT SPECIFICATION

Long form specification in three part format are available on www.ASCENDCompositeCladding.com.

WARRANTY

ASCEND offers a Lifetime Limited Warranty* to the original homeowner and is transferable if the home is sold.

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