

ALIGN™ 7 " COMPOSITE PLANK **TECHNICAL SUMMARY**

PHYSICAL DATA

Plank Projection	3/4"
Width	8-1/4"
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*
ASTM D3345	
Termite Resistance	Complete Resistance
ASTM D5206-13	
Windload Resistance (24" OC nails, 1-1/4" penetration)	53 psf
*When installed directly over sheathing.	

FIRE RESISTANCE

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



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CODES AND REGULATORY COMPLIANCE

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

WARRANTY

Gentek backs ALIGN with a lifetime limited warranty to the original homeowner; the warranty is transferable if the home is sold.

THREE-PART FORMAT SPECIFICATION

Long-form specification in three-part format is available on ALIGNCompositeCladding.com.

