

WPC Fluted Cladding Data Sheet

Item	Results
Composition	55% Wood powder/35% HDPE/10% Chemical Additives
Colors	Antique/Dark Grey/Golden Teak/Red Brown/Walnut/Light Grey
Thickness and width (Tolerance ± 0.5 mm)	26mm*219mm Application area 200mm
Length	2900mm or customized
Density g/cm³	1.32
Water absorption %	Max. 0.5%
Linear thermal expansion coefficient(-20-80°C)	$35.8 \times 10^{-6} K^{-1}$
Degree of Chalking	Rate 0, No Chalking
Formaldehyde content	Non Detected
Heat build-up	$\Delta T = -2.8^{\circ}C$
Resistance to artificial weathering	After 2000hours exposure, $\Delta E^* = 1.25$ Grey Scale=4-5
Installation Span	500mm on center
Warranty	10 Years for No Splitting, Cracking, Rotten and Structural Damage

