

Stone Polymer Hybrid Core Specifications and Technologies

Dry Slip	AS/NZS 4586-2013	PO
Wet Slip	AS/NZS 4586-2013	P4
VOC Emissions	ASTM D5116:2017 – Total Volatile Organic Compound Emission Rate ASTM D5116:2017 – Formaldehyde Emission Rate	0.012mg/m ² /hr (max limit allowed <0.500mg/m ² /hr) 0.041mg/m ² /hr (max limit allowed <0.100mg/m ² /hr)
Fire test	AS/ISO 9239-1:2003	10.9 kW/m ² (Critical Heat Flux / Critical Radiant Flux)
Installation type		Floating floor only
Floor Impact Sound Insulation	ISO 16283-2:2018 ISO 717-2:2013 ISO 16283-2:2018 ISO 717-2:2013	L' nT,w 49 dB (1500x900mm sample of 6.5mm thick (including 1.5mm IXPE) 'Definitive Hybrid Flooring', floating over a 200mm concrete slab with no ceiling suspended from the slab soffit. L' nT,w 41 dB (1500x900mm sample of 6.5mm thick (including 1.5mm IXPE) 'Definitive Hybrid Flooring', floating over a 200mm, with 13mm standard plasterboard suspended from the slab soffit to form a 210mm ceiling void. No insulation present in the cavity.)
Underfloor Heating		Up to 27°C
Adhesive		None required – floating floor installation only
Dimensional Stability	ISO 23999:2018	Grain direction mean 0.15% Across grain direction 0.05% (Allowable tolerance 0.40%) Curl mean 0.5mm (Allowable tolerance 8mm).

Board Size 1220mm x 180mm

Thickness 6.5mm (incl 1.5mm IXPE)

Kg per carton Approximately 20.5kg

Wear layer 0.55mm

Boards per carton 10 boards per carton = 2.2m²

Surface EIR (registered emboss) texture feels as grain looks

Surface finish Water based UV ceramic ultra matt coating

Locking System Valinge 5Gi patented click, with drop lock on the ends

Warranty 30 year residential, 10 year light commercial

Floating floor installation.

Installation must be in strict accordance with the current written "Floating Floor Installation & Maintenance Guidelines".