

Softwood Cladding

Visual Guide



Douglas Fir

Douglas Fir maintains its appearance and shape over time, even when exposed to changes in temperature and humidity.

With a warm, rich color and distinctive grain pattern, it adds texture and interest to a surface and has good resistance against decay, rot and insect infestations. The colour may differ according to part of the tree cut, with variations of pink, brown, and cream coming through.

Notably characteristic, these variations are often incredibly desirable and are what draw clients to the species.



■ Appearance

Douglas Fir ranges in colour from pinky-brown in the heartwood, to cream in the sap band. Boards will contain regular knots. Cladding boards may cup a little as they shrink.

■ Weathering

Douglas Fir weathers relatively slowly, often taking two years to reach a silver-grey patina. Northerly elevations may weather to a darker grey than those facing South.

■ Grading

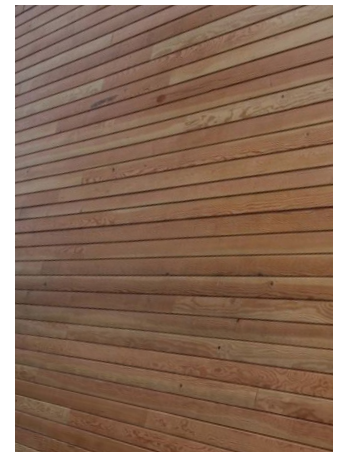
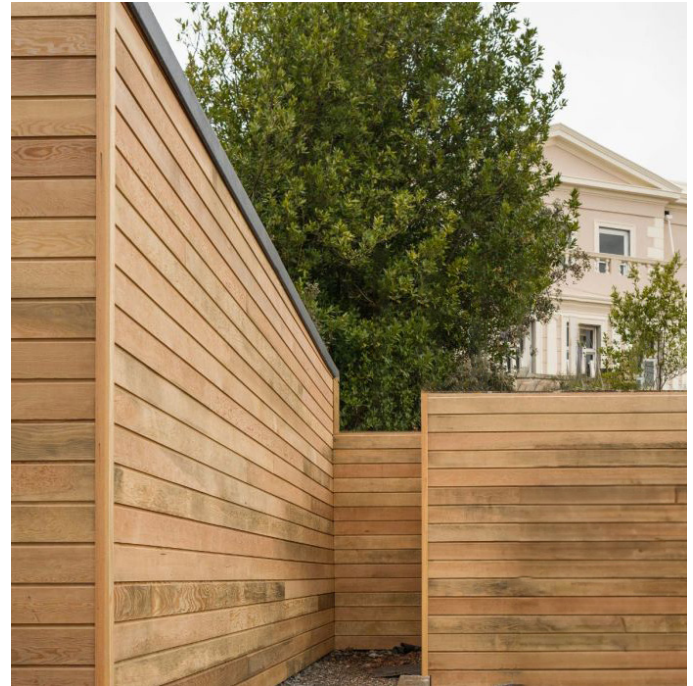
Generally clear of knots (A Grade), but it can contain up to 15% of B Grade, so some boards can have one or two 'dead' knots or through holes up to 10p size.



Douglas Fir Cladding Technical Specification



■ Moisture content	14-22%
■ Density	480-580kg/m ³
■ Durability (BSEN350)	Class 3: Moderately durable
■ Movement class	Large
■ Available lengths	Up to 6.0m
■ Insect attack	Resistant
■ Resistance to impact	High
■ Resistance to fixing	Medium
■ Coating Options	Uncoated
■ Surface Options	Planed, Fine Sawn, Brushed, Charred
■ Fire treatment	Not possible by impregnation
■ Working properties	Good workability. Takes fixings satisfactorily although can be prone to splitting
■ Recommended fixings	Face fix with stainless steel ringshank nails. Pre-drilling advised.



■ **Profiles**



Feather Edge



Splayed Halflap



Vertical Chamfer Halflap



Vertical Square Halflap



Shiplap



Rainshield



Waney Edge

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