

Japanese White Fir / Todomatsu

Overview

Japanese White Fir is a highly regarded timber known for its light colour, subtle grain, and exceptional dimensional stability. Its smooth texture and low resin content make it particularly well suited to interior linings and wellness spaces, including saunas. The cool climate and fertile soils of Japan produce timber with a consistent grain structure and natural warmth that beautifully complements both traditional and contemporary architecture.

SPECIES	Japanese White Fir (<i>Abies sachalinensis</i>)
ORIGIN	Hokkaido and the southern Kuril Islands
SUSTAINABILITY	World class planting and management systems that have been in place for generations. GOHO certification
CHEMICAL TREATMENTS	None
DURABILITY	Naturally durable with no additional harmful chemicals or treatments. Minimum 15 year service life as per NZBC
DENSITY	430kg/cm ³ (@ 12% M.C)
QUALITY CHARACTERISTICS	All SUGI timber is carefully graded into specific categories, each grade offers a unique aesthetic and level of natural defect appealing to different types of architecture. Sound tight knots and naturally occurring defects are permissible and adhere to NZS 3602
GRADES	Premium and feature tight knot
VISUAL AESTHETIC	Cream-white to pale yellow-brown heartwood with minimal contrast to sapwood. Slight ambering over time

AROMA	A clean, fresh, green coniferous aroma — bright and slightly sweet
RADIAL SHRINKAGE	2.08% (green to 12% M.C)
TANGENTIAL SHRINKAGE	6% (green to 12% M.C)
DRYING	Kiln dried 15-20% M.C. at time of dispatch
MACHINE COATING	Dryden 2 coat system ready for installation with no on site coating required other than cut ends
LENGTHS	2m, 3m, 4m
FIXINGS	Stainless steel cladding screw, silica bronze cladding screw, or rose head annular groove nail

TIMBER SPECIES SPECIFICATION SHEET / Japanese White Fir (*Abies sachalinensis*)