TECHNICAL NOTE
9(50.0-11.6/6.9-5.3) CD F8/F8 plywood supply

February 2026

PRODUCT NAME: 9(50.0-11.6/6.9-5.3) CD F8/F8 Structural Plywood
(Manufactured by Sudati)

INTRODUCTION:

This Technical Note details the product information for 9(50.0-11.6/6.9-5.3) CD F8/F8 plywood manufactured by Sudati and distributed by CHH Plywood. This product is manufactured under a 3rd Party Quality Control program from sustainably-grown plantation resource and manufactured to the requirements of AS/NZS 2269, Plywood Structural.

Whilst the product is manufactured from sustainably-grown plantation resource and manufactured to the requirements of AS/NZS 2269, Plywood Structural, this product, in some cases, may have different veneer layup/construction and cannot be used in projects seeking to rely on our New Zealand based Environmental Product Declaration.

PRODUCT IDENTIFICATION:

In accordance with AS/NZS 2269, Structural Plywood sheets have the following information marked on the back

- Brand name: e.g. Sudati Ibaiti
- Face grade, back grade: e.g. CD
- Intended application: e.g. STRUCTURAL
- The thickness, moment of inertia and section modulus e.g. 9(50.0-11.6/6.9-5.3)
- Glue bond: e.g. A BOND
- Formaldehyde emission class: E0 for A Bond
- Australasian Standard: e.g. AS/NZS 2269
- Treatment Standard (if applicable): e.g. AS/NZS 1604.3:2012
- Stress grade: e.g. F8 (or F8/F8)
- Distributed by CHH Ply chh.com

Note: Additional information relating to certification in other jurisdictions may also be evident on sheets

SPECIFICATION OF Sudati 9(50.0-11.6/6.9-5.3) CD SQUARE EDGE:

9(50.0-11.6/6.9-5.3) Sudati plywood, distributed by CHH Plywood, is branded in accordance with AS/NZS 2269, and as such identifies the Stress grade (e.g. F8) and the relative structural performance characteristics. The construction of plywood products differ across manufacturers and should be checked against any specific design requirements. Refer Tables 1 & 2 for Structural Properties.

9(50.0-11.6/6.9-5.3) Sudati plywood is suitable for use as part of the EP Bracing Specifications EP1, EP2 and EPG with Bracing Capacities as detailed in Table 9: Summary P21 Ratings for 2.4m High Ecoply® Wall Elements, "Ecoply Specification and Installation Guide" extracted below. Specific nailing patterns apply to Ecoply Bracing Elements and are detailed in the "Ecoply Specification and Installation Guide" and the "Updated Nailing Pattern for Ecoply Bracing" Technical Note.

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Table 9. Summary P21 Ratings for 2.4m High Ecoply® Wall Elementssd

Specification No.	Minimum Wall Length	Lining Requirements	BUs/m Wind	BUs/m Earthquake
EPI	0.4m 0.6m 1.2m	Ecoply® one side	80 95 120	95 105 135
EPG	0.4m 1.2m	Ecoply one side and 10mm GIB® Standard plasterboard other side	100 150	115 150

SECTION PROPERTIES:

Table 1: Section Properties of 9(50.0-11.6/6.9-5.3) CD Sudati Square Edge Structural Plywood

			Section properties per mm width			
			Parallel to the face grain		Perpendicular to the face grain	
Nominal plywood thickness[1] (mm)	**Nominal thickness, moment of inertia and section modulus**	**Mass** (kg/m^2)	**Moment of Inertia** I (mm^4)	**Section Modulus** Z (mm^3)	**Moment of Inertia** I (mm^4)	**Section Modulus** Z (mm^3)
9	9(50.0-11.6/6.9-5.3)	5.9	50.0	11.6	6.9	5.3

Table 2: Nominal Strength Properties of 9(50.0-11.6/6.9-5.3) CD Sudati Square Edge Structural Plywood

Nominal plywood thickness[1] (mm)	**Nominal thickness, moment of inertia and section modulus**	**Stress Grade**	Nominal Strengths (Limit States) per mm width			
			Parallel to the face grain		Perpendicular to the face grain	
			Bending Stiffness EI (1000 Nmm^2)	**Bending Moment $f_{pb}Z$** (Nmm)	**Bending Stiffness EI** (1000 Nmm^2)	**Bending Moment $f_{pb}Z$** (Nmm)
9	9(50.0-11.6/6.9-5.3)	F8/F8	455.0	290.0	62.8	132.5

1. Actual thickness of plywood sheets are manufactured to thickness tolerances stated in AS/NZS 2269

INSTALLATION:

The 9(50.0-11.6/6.9-5.3) Sudati CD F8/F8 Structural Plywood distributed by CHH Plywood can be installed in accordance with the Ecoply® Specification and Installation Guide as appropriate. Where the 9(50.0-11.6/6.9-5.3) CD Sudati Structural Plywood product forms part of a Specific Engineering Design (SED) solution, refer to the structural engineer for further details.

REFERENCES:

- Ecoply® Specification and Installation Guide
- Updated Nailing Pattern for Ecoply Bracing Technical Note
- AS/NZS 2269:0:2012 "Plywood Structural"

LIMITATIONS:

The information contained in this document is current as at February 2026 and is based on data available to CHH Ply at the time of going to print. CHH Ply reserves the right to change the information contained in this document without prior notice. It is important that you visit www.chhply.co.nz or call 0800 326 759 to confirm that you have the most up to date information available. CHH Ply has used all reasonable endeavours to ensure the accuracy and reliability of the information contained in this document but, to the extent permitted by law, will not be liable for any inaccuracies, omissions or errors in this information nor for any actions taken in reliance on this information.