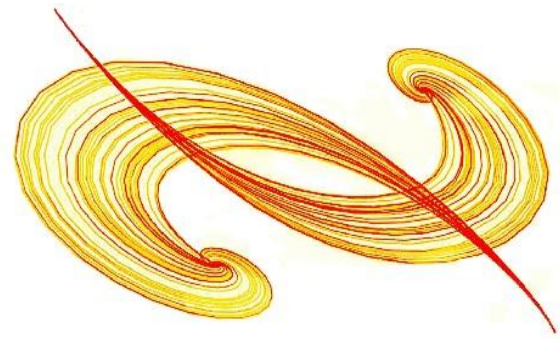


SHERA

Technical Data



SHERA wood

	Standard	Unit	SHERA plank SHERA strip	SHERA splendid Plank	SHERA eaves	SHERA skirt	SHERA floor plank	SHERA stair
Physical Properties								
Thickness Tolerance	ASTM C1185	mm	+/-0.50	+/-0.60	+/-0.96	+/-0.72	+/-1.50	+/-2.0
Density	ASTM C1185	kg/cu.m	1300-1400	1250-1350	1300-1400	1300-1400	1300-1390	1300-1390
MOR	ASTM C1185	MPa	-	≥9 (EMC)	-	-	-	-
Toughness	ASTM C1185	J/m ²	≥12 (EMC)	-	≥10 (EMC)	≥10 (EMC)	-	-
Water Absorption	ASTM C1185	%	≤35	≤35	≤35	≤35	≤35	≤35
Moisture Content	ASTM C1185	%	≤15	≤15	≤15	≤15	≤15	≤15
Water Tightness	ASTM C1185		-	-	-	-	-	-
PH Value	ISO 10390: 2005		7	7	7	7	7	7

Fire Physical Properties								
Ignitibility	B5476 Part 5		Pass	Pass	Pass	Pass	Pass	Pass
Fire Propagation Index	B5476 Part 6		Pass	Pass	Pass	Pass	Pass	Pass
Surface Spread of Flame	B5476 Part 7		Pass	Pass	Pass	Pass	Pass	Pass

Durability Properties								
Freeze / Thaw Resistance	ASTM C1185		Pass	Pass	Pass	Pass	Pass	Pass
Warm Water Resistance	ASTM C1185		Pass	Pass	Pass	Pass	Pass	Pass
Heat / Rain Resistance	ASTM C1185		Pass	Pass	Pass	Pass	Pass	Pass
Soak / Dry Resistance	ISO:8336 Part (E)		Pass	Pass	Pass	Pass	Pass	Pass



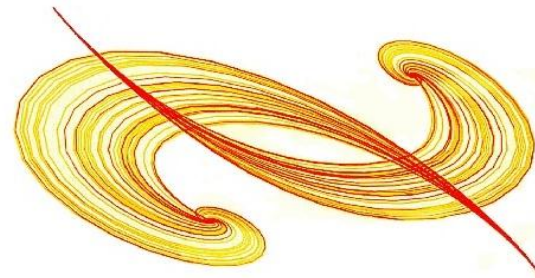
ASTM C 1185 - P1
ANSI/NZS 2900.2 - 2000
R13 R14 - 1994



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SHERA
TECHNOLOGY

SHERA

Technical Data



SHERA board

Physical Properties	Standard *	Unit	Tested Result
Thickness Tolerance	ASTM C1185	%	± 6
Density	ASTM C1185	Kg / m ³	1,300 ± 50
Modulus of Rupture (wet Condition)	ASTM C1185	MPa	> 7.0
Modulus of Elasticity (wet Condition)	ASTM C1185	MPa	5,500 ± 50
Water Absorption	ASTM C1185	%	≤ 35
Moisture Content	ASTM C1185	%	≤ 12
PH Value		-	7 - 8
Thermal Conductivity	ASTM C177	Watt/m K	0.15
Sound Protection	ASTM E90-97	dB	30 - 64
Length Change by Moisture Movement	ASTM C1185	%	0.04
Length Change by Water Absorption	JIS A5414	%	0.19
Water Tightness	ASTM C1185	-	Pass

Fire Resistant

Ignitability	B5476 Part 5	-	Pass
Fire Propagation Index	B5476 Part 6	-	1= 0
Surface Spread of Flame	B5476 Part 7	-	Class 1
Fire Resistance	B5476 Part 22	mins	30 - 180
Smoke Developed Index	ASTM E84-00a	-	0
Single Burning Item	EN 13823: 2002	-	Pass
Fire Classification	EN 13501-1: 2002	-	A2s1d0
Building Combustibility	CNS 6532	-	non-Combustible

Durability Test

ASTM C1185 & EN 12467: 2000

Freeze/Thaw resistance	Pass
Warm water resistance	Pass
Heat/Rain resistance	Pass
Soak/Dry resistance	Pass

Remark 1. SHERA board also conforms to Australia / New Zealand Standard (AS / NZ 2908.2:2000) and European Standard (BS EN 12467: 2000) tested by PSB Corporation, Singapore
 2. SHERA board also conforms to thai Industrial Standard: Fibre - Cement Flat Sheet (TIS 1427-2540) of Thailand

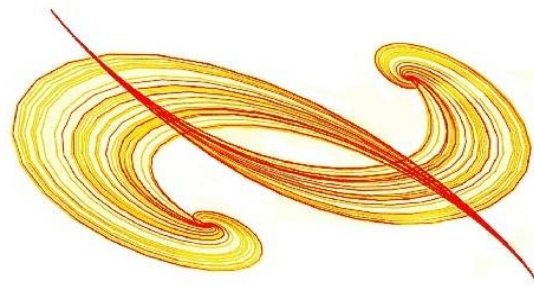


ASTM C 1185 - 01
 AS/NZS 2908.2 : 2000
 ISO 8336 : 1991



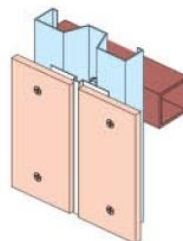
SHERA

tools & accessories



SHERA screw fix-w

For fixing SHERA wood and SHERA board to 1.0-3.2 mm steel frame
 Length : 23, 32 and 45 mm
 Package : FIX-W32GB=500 pcs / box
 FIX-W45GB=250 pcs / box



PARCHIN Profile M

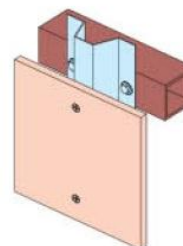


SHERA sealant PU25

Polyurethane joint sealant is used for jointing gap

SHERA barrel gun

15" aluminum barrel gun for both 310 and 600 ml SHERA polyurethane sealant



PARCHIN Profile V



SHERA acrylic coating

100% pure acrylic emulsion with excellent resistance to fungus and alkali.
 Coverage : 10-20 Sq.m/ US. Gallon (25-30 micron)
 Container : 0.946 liter



PARCHIN Profile A



SHERA fiberglass mesh tape

Place SHERA fiberglass mesh tape over the recessed areas of SHERA board while doing flush joint



PARCHIN Siding Gauge

Frame Type	SHERA plank SHERA splendid plank SHERA strip	SHERA eaves SHERA skirt SHERA floor plank SHERA decor wood
Steel Frame	FIX-W32 GB	FIX-W45 GB
Timber Frame	FIX-T 1 1/4"	FIX-T 1 1/4"

Frame Type	SHERA screw recommended for SHERA board		
	4-6 mm	8-12 mm	15-18 mm
Galvanized steel frame thickness 0.55 - 1.2 mm	FIX-B20	FIX-W32 GB	Not recommend
Metal frame thickness 1.0 - 3.2 mm	Not recommend	FIX-W32 GB	FIX-W45 GB
Timber frame	FIX-T 1 1/4"	FIX-T 1 1/4"	FIX-T 1 1/4"

SHERA

Installation method

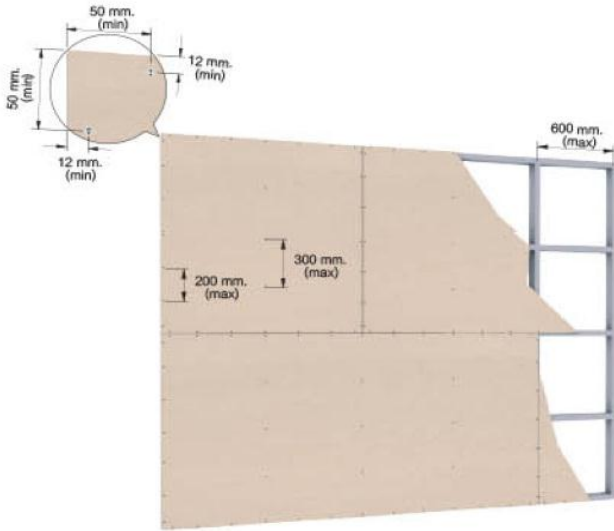
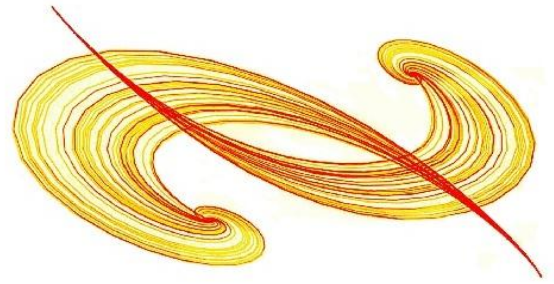


Figure 1: Horizontal Board Cladding

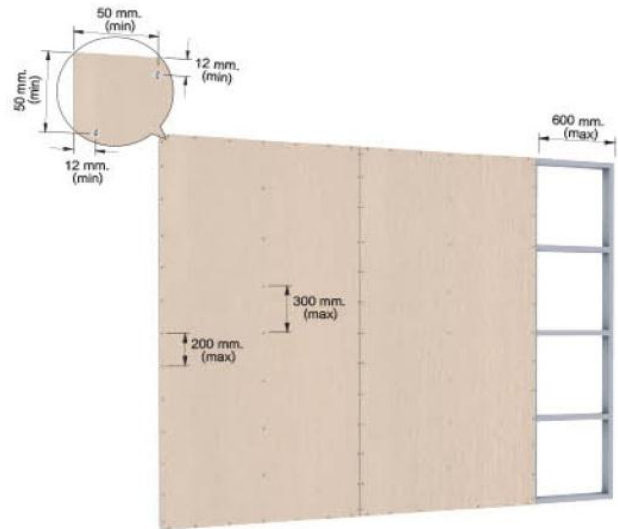


Figure 2: Vertical Board Cladding

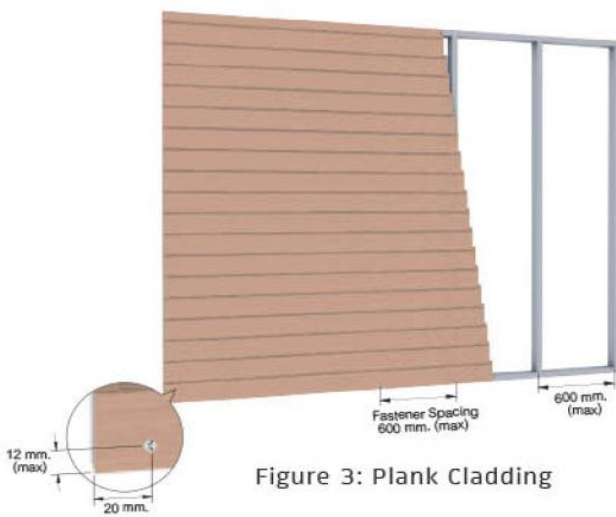


Figure 3: Plank Cladding

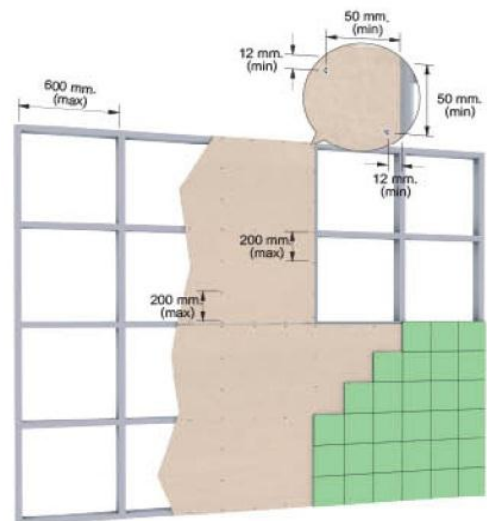


Figure 4: Ceramic Tile Underlay