

# Sampmax (Xiamen) Construction Technology Co., Ltd.

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## Poplar FFP Specification



### Base board

Sampmax Construction poplar plywood made solely from poplar veneers bonded together in a cross banded construction.

### Bonding

Phenolic resin cross-banded weather resistant glueing according to EN 314-2/class 3 exterior, EN636-3.

### Surface

Sampmax Construction coating weight is 120-125g/m<sup>2</sup> both sides.

Face and reverse: Brown phenolic film combination (abt. RAL 8017).

Edge sealing: Water resistant paint.

### Thicknesses and weight

Nominal thickness (mm)	Layers (veneer)	Min. thickness (mm)	Max. thickness (mm)	Weight (kg/m <sup>2</sup> )
9	5	8.5	9.5	4.95
12	7	11.5	12.5	6.60
15	9	14.5	15.5	8.25
18	11	17.5	18.5	9.90
21	13	20.5	21.5	11.55

### Panel size

2400/2440/2500 x 1200/1220/1250 mm

### Size limits

Size tolerances: < 1000 mm ± 1 mm

1000-2000 mm ± 2 mm

> 2000 mm ± 3 mm

### Other information

The panel can have dimensional changes due to changes in the air humidity.

### End uses

Usage mainly for slab forms/install flooring/vehicle.

Typical number of reuses for slab forms is likely to be about 10 -12 times.

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However the number of reuses will depend on a wide range of factors including good site practice, the required concrete finish, careful handling & storage of forms and the type and quality of release agent.

### Data

Properties of Sampmax Construction Poplar.

Property	EN	Unit	Standard value	Value of test
Moisture content	EN322	%	6---14	8.60
Number of plies	-----	Ply	-----	5-13
Density	EN322	KG/M3	-----	550
Bonding Quality	EN314-2/class3	Mpa	≥0.70	Max: 1.85 Min: 1.02
Longitudinal Bending Modulus of elasticity	EN310	Mpa	≥6000	7250
Lateral Bending Modulus of elasticity	EN310	Mpa	≥4500	5190
Longitudinal Bending Strength N/mm2	EN310	Mpa	≥45	63.5
Lateral Bending Strength N/mm2	EN310	Mpa	≥30	50.6

### Recommendations for use

Cover the panels to protect them from direct sunshine and rain.

Seal the cut edges and machining made at site with paint suitable for exterior use.

Use good quality form oil.

Seal screw holes with silicone to prevent moisture absorption.

Clean the panels carefully after every use.

Handle panels with care to get maximum reuses possible.