

SanDesign

BASE PANEL

This product line is dedicated to decorative application.

Plywood is made of 100% birch veneers composed with a long-grain veneer layup. Also interior veneers are sorted with specific criteria to make a uniform and nice looking edge. The surface veneers might contain wood plugs or minimal putty reparations on the surface depending of the different grades.

PANEL SURFACE

SanDesign panels are varnished with a special coloured semi-transparent coating. Standard colors are: transparent, grey RAL7001, darkgrey RAL7012, white RAL 9003, black RAL 9004, yellow RAL 1018, orange RAL 2008, red RAL 3020, light blue RAL 5021, dark blue RAL 5012, light green RAL 6019, green RAL 6025.

FACE VENEER QUALITY

Face quality can be customized on demand.

Normally we offer B / S / BB grades and we can combine upper and lower side with different grades.

SIZES

Standard size is 2500x1250 mm

Others sizes are possible on demand. San Giorgio target is to minimize the material waste and to cut unnecessary costs to its customers. Thickness is from 6,5mm to 40 mm.

THICKNESSES TOLERANCE

The thickness tolerances of San Giorgio is more stringent than the European requirements (standard EN 315) . For specific customer needs San Giorgio tolerances can be customized upon request.

NOMINAL THICKNESS	NUMBER OF VENEER PLYS	THICKNESS TOLERANCE (EN 315)		THICKNESS TOLERANCE (SAN GIORGIO)*		WEIGHT **
		min. [mm]	Max. [mm]	min. [mm]	max. [mm]	
6.5	5	6.1	6.9	6.2	6.6	4.68
9	7	8.8	9.5	8.7	9.2	6.48
12	9	11.5	12.5	11.7	12.2	8.64
15	11	14.3	15.3	14.7	15.2	10.80
18	13	17.1	18.1	17.7	18.2	12.96
21	15	20.0	20.9	20.6	21.2	15.12
24	17	22.9	23.7	23.5	24.2	17.28
27	19	25.2	26.8	26.5	27.2	19.44
30	21	28.1	29.9	29.5	30.2	21.60

*. THICKNESS MIGHT SLIGHTLY CHANGE DEPENDING ON TRANSPORT AND STORAGE CONDITION. THE REPORTED VALUES ARE MEASURED IN SAN GIORGIO

** WEIGHT IS NOT ALWAYS CONSTANT BECAUSE PLYWOOD IT IS A NATURAL PRODUCT, THE VARIATION CAN BE ESTIMANTE IN A RANGE OF: -5% / +5% ON THE REPORTED VALUES (AVERAGE IS 720 KG/M3)

GOOD
TO
KNOW



ECO
FRIENDLY



EASY
PAINTING



HIGH
DENSITY



MADE FOR
CNC
CUTTING



LOW VOC
EMISSION



COST
SAVING

SanDesign

SIZE TOLERANCES

Measured in accordance with standard EN 324, the plywood size and squareness tolerances meet EN 315 requirements. For specific customer needs San Giorgio tolerances can be reduced upon request.

LENGTH / WIDTH	TOLERANCE
< 1000 mm	± 1 mm
1000 – 2000 mm	± 2 mm
> 2000 mm	± 3 mm
Squareness	± 0.1% or ± 1mm/m
Edge straightness	± 0.1% or ± 1mm/m

BONDING CLASSES

Veneers are bonded with a weather and boil-resistant phenolic resin adhesive (Exterior). The gluing meets the requirements of the following international standards:

EN 314-2/Class 3

FORMALDEHYDE EMISSIONS

Determined according to EN 717-2 and 717-1 the formaldehyde emitted by San Giorgio panels falls far below the Class E1 and E05

The formaldehyde emission of San Giorgio's plywood with INT glue is in average 0,035 ppm and with EXT glue is in average 0,02 ppm therefore all San Giorgio Plywood meets the stricter parameters world wide as ULEF - TSCA title VI - CARB P2 Compliant

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