

SanHexa – Brown / Grey C. / Grey D. / Smart / Marmo / Camo

BASE PANEL

The core plywood is a full-birch panel, composed (unless specific demand) with a cross-grain veneer layup. The grade of the outer veneers is suitable for film application. Also interior veneers are sorted with specific criteria to make the product suitable for the film application and to obtain a uniform and nice outlooking.

The veneer surface might contain wood plugs or putty reparations on the surface but this is not visible after film application. San Giorgio is able to produce a wide range of sizes, following specific customer needs. The target is always to avoid dimensional scraps. Every size is possible until 2000 x 5000 mm. Even bigger dimension are possible upon request.

OVERLAY

SanHexa products have an anti-slip Hexa structure is pressed into the surface during hot-pressing.

The anti-slip side, is impregnated with thermoplastic melamine or phenolic films

SanHexa is available in several variants of color

Normally films have a standard weight of 250 g/m² as coating grammage. It can be increased or decreased on customer request.

A smooth brown phenolic film is normally applied to the reverse side to balance the stability of the panel and to protect from water penetration etc.

THICKNESSES TOLERANCE

The thickness tolerances of San Giorgio fulfil the requirements of European standard EN 315 and is more stringent than the European requirements. For specific customer needs San Giorgio tolerances can reduced 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]	
[mm]	[pcs]	min. [mm]	Max. [mm]	min. [mm]	max. [mm]	[kg/m ²]
6.5	5	6.1	6.9	6.2	6.6	4.4
9	7	8.8	9.5	8.7	9.2	6.3
12	9	11.5	12.5	11.7	12.2	8.4
15	11	14.3	15.3	14.7	15.2	10.5
18	13	17.1	18.1	17.7	18.2	12.6
21	15	20.0	20.9	20.6	21.2	14.7
24	17	22.9	23.7	23.5	24.2	16.8
27	19	25.2	26.8	26.5	27.2	18.9
30	21	28.1	29.9	29.5	30.2	21.0

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

** WEIGHT IS NOT ALWAYS CONSTANTLY BECAUSE PLYWOOD IT IS A NATURAL PRODUCT, SO, CONSIDER A -5% / +10% RANGE TO THE REPORTED VALUES

GOOD
TO
KNOW



ECO
FRIENDLY



ANTISLIP



EASY
CLEANING



HEAVY
LOADING



EASY
MACHINING



LOW VOC
EMISSION



SCRATCH
RESISTANT



WATER
RESISTANT

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

EDGE SEALING

If required, panel edges are sealed against moisture absorption with acrylic edge sealing paint. The standard colour of the edge sealing is similar to the surface colour. Even though edge sealing reduce the absorption of water into the wood, it does not eliminate it completely. More specific information can be provided upon request