

## SanPlastSide

### 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 outlook.

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

**SanPlastSide** is overlaid with colored, 0,2 mm thick lightly structured (miniburl) polypropylene overlay. It can be coated on both sides or only on the upped side. On customer request, the overlay can be supplied with special additives to make it resistant against the sunlight (UV).

The overlay can be bonded to plywood with class 2 resistant glue or class 1 resistant glue ( acc. to norm EN 314-2 ) depending on customer request. The product is developed for indoor application.

The surface of the overlay is slightly structured to improve wear and scratch resistance. Overlay is elastic, tough and does not crack.

### 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 be 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]					[kg/m <sup>2</sup> ]
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



EASY  
CLEANING



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). And the external plastic-based foil is glued following class 2 standards of norm EN 314-2. Therefore the final product is suitable for being used in humid conditions

### 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