



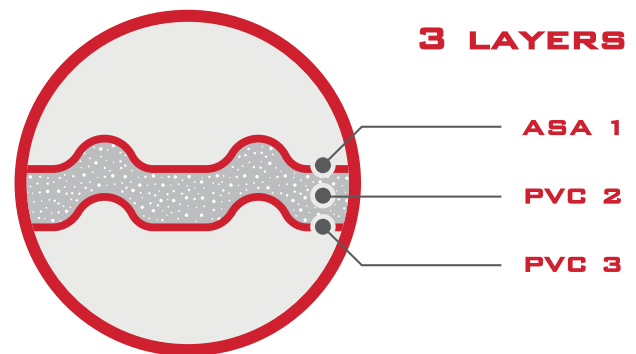
**WALL
SHEETS**





LIGHTWEIGHT 5 KG/M², ACOUSTIC AND THERMAL INSULATION 40%, 100 KG LOADING CAPACITY WITH DOLLYS AT 60 - 90 CMS AWAY FROM EACH OTHER, PROVEN WITH FIRE, WATER, HUMIDITY AND CORROSION. CERTIFIED BY ISO9001 AND ISO14001.

CHEMICAL COMPOSITION



OUR WALL SHEETS ARE ONLY WARRANTED FOR MANUFACTURING DEFECTS, WE DO NOT OFFER WARRANTY ON DAMAGE DUE TO IMPROPER INSTALLATION OR DETERIORATION

AVAILABLE COLOURS



White



THICKNESS

2.5 MM

STROLLERS SEPARATION

60-90 CM

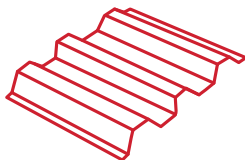
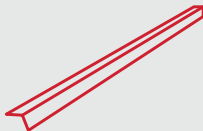
REQUIRED SCREWS PER SHEET (19')

16

QUALITY CONTROLS

QUALITY CONTROL	ASSESSED METHOD	TRIAL CONDITIONS		RESULT	
UV EXPOSURE	ASTM-G154-12	PHASE 1, LAMP TYPE UV-340		E*AB=0,50	
	ASTM-D2244-11	EXPOSURE TIME: 200 HOURS			
TRACTION RESISTANCE	ASTM-D638-10	TRIAL VELOCITY: 50MM/MIN		28 MPA	
FLEXION RESISTANCE	ASTM-D790-10	TRIAL VELOCITY: 1,30MM/MIN; LIGHT: 48MM		50 MPA	
	PROCEDURE A				
IMPACT RESISTANCE	ASTM-D5420-10	GEOMETRY GE		ENERGY BREAKING	TYPE OF FAILURE
				3,000 JOULES	A
THERMAL CONDUCTIVITY	ASTM-C518-10	AVERAGE TEMPERATURE	DIFFERENCE TEMPERATURE	0,325 [W/(MK)]	
		25,48°C	9,36°C		
FLAMMABILITY	UL 94-2013	SAMPLE DIMENSIONS:		V-0	
		129,00 MM X 12,50 MM X 3,00 MM			
EXTREME TEMPERATURE PERFORMANCE	-	EXPOSURE TO EXTREME TEMPERATURES FOR 6 CONSECUTIVE HOURS UNTIL NOTICE CHANGES OF APPEARANCE.		MINIMUM	MAXIMUM
				-36°C	60°C
CHEMICAL RESISTANCE	-	IMMERSION IN ETHANOL SOLUTION AT 70% (V/V) TO 23C FOR 2 HOURS		NO APPARENT CHANGES	
		IMMERSION IN NaOH SOLUTION AT 10% (M/M) TO 23C FOR 2 HOURS			
		IMMERSION IN SATURATED SOLUTION OF NaCl TO 23C FOR 2 HOURS			

TECHNICAL SPECIFICATIONS

PRODUCT	DESCRIPTION	WEIGHT	LENGTH / WIDTH	FEATURES
	PANA ROOF® WALL SHEET	5 KG/M ²	5.8 M. X 1.13 M.	2.5 MM SYNTHETIC SHEET (ASA-PVC)
	90° RIDGE BOARD	-	2 M.	ACCESSORY DESIGNED TO CLOSE THE CORNERS BETWEEN TWO WALLS.
	UPVC SCREWS KIT	0.10 KG/PIECE	2.5" LENGTH 3" LENGTH 4" LENGTH	HIGH-STRENGTH SELF-DRILLING SCREWS, SPECIALLY DESIGNED FOR FIXING PVC SHEETS OUTDOORS.

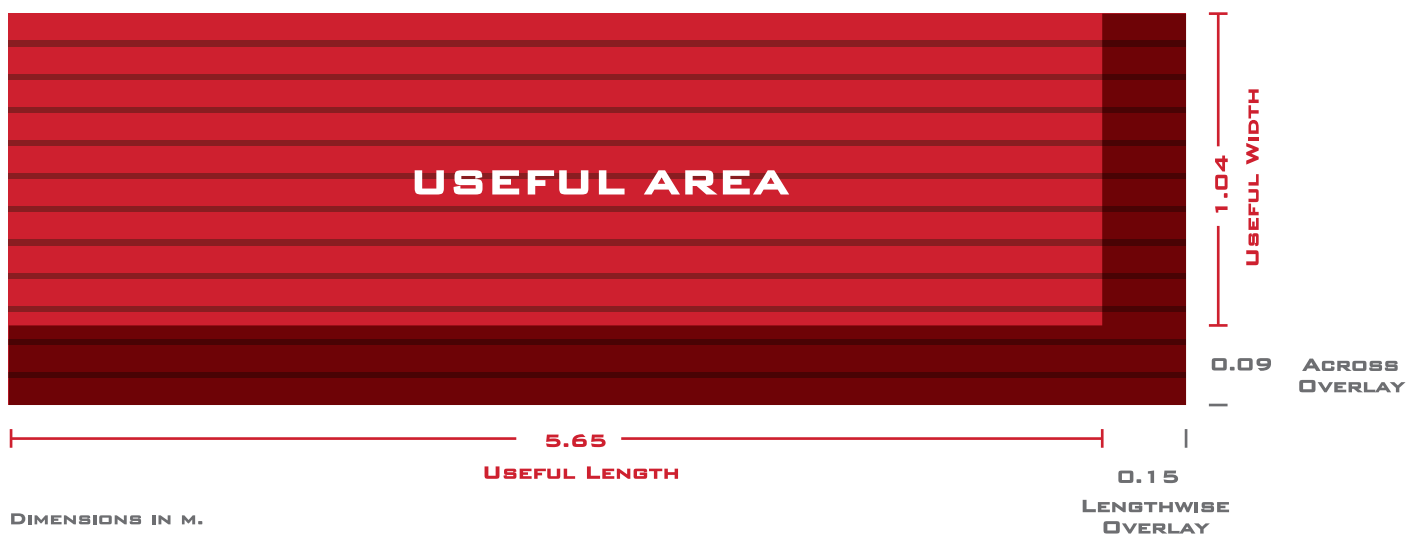
WALL SHEET DIMENSIONS (TOTAL AND USEFUL)



DIMENSIONS TABLE

WALL SHEET										
WALL SHEET	LENGTH		WIDTH		OVERLAY (M)		TOTAL AREA (M ²)	USEFUL AREA (M ²)	WEIGHT (KG)	CALIBER
	FT	MTS	IN	MTS	LONG	ACROSS				
1	19'	5.80	44"	1.13	0.09	0.15	6.554	5.87	33	2.5 MM

USEFUL AREA OF THE WALL SHEET



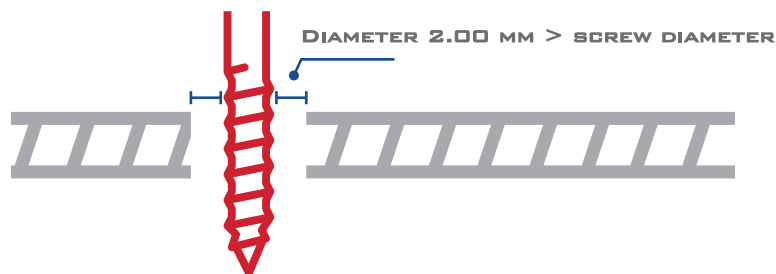
DISTANCE BETWEEN STROLLERS

THE DISTANCE BETWEEN STROLLERS SHOULD BE BETWEEN 60-90 CM APART.



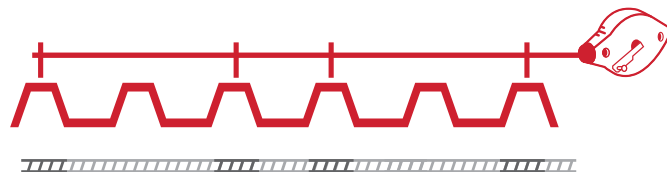
PRE-DRILLING

IT IS RECOMMENDED TO PRE-DRILL HOLES PRIOR TO INSTALLING THE FASTENERS, ENSURING THAT THE HOLE IS AT LEAST 2 MM LARGER THAN THE SCREW DIAMETER. THIS WILL PREVENT DAMAGE OR PROBLEMS SUCH AS CRACKS AND/OR DEFORMATIONS, WHICH ARE EXACERBATED BY THE EXPANSION AND CONTRACTION OF THE MATERIAL DUE TO TEMPERATURE CHANGES.

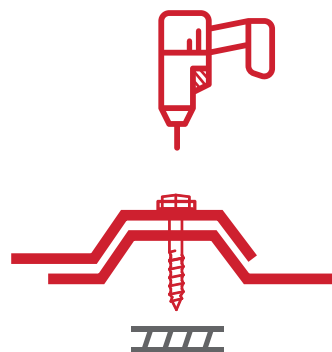


INSTALLATION INSTRUCTIONS

1. ONCE FIRST WALL SHEET SPOT IS DEFINED, USE MEASURING TAPE TO SET WHERE **PANA Roof®** SELF-TAPPING SCREWS WILL GO. AS LONG AS POSSIBLE, HAVE SCREWS PLACED OVER THE RIDGES OF CORRUGATIONS. CONSIDER THAT EVERY INTERSPERSED DOLLY NEEDS AT LEAST FOUR (4) SCREWS.



2. DRILL WITH THE DRILL THROUGH HOLE OF RUBBER SEALANT, UNTIL COMPLETE PIERCING OF 2 WALL SHEETS AND DOLLY. THE DIAMETER OF THE DRILL HOLES SHOULD BE 2 MM LARGER THAN THE SCREWS.



3. ONCE THE SCREW IS INSTALLED, COVER THE SCREW HEAD WITH THE DECORATIVE PLASTIC COVER PROVIDED. IT IS RECOMMENDED TO TIGHTEN THE SCREWS BEFORE FINISHING THE INSTALLATION. THE SCREWS SHOULD NOT BE TOO TIGHT OR TOO LOOSE.





PANA ROOF® RESERVES THE RIGHT TO MODIFY THIS DOCUMENT AT ANY
MOMENT WITHOUT PREVIOUS NOTICE, FOR THE SAKE OF DEVELOPING AND
CONTINUOUSLY IMPROVING ITS PRODUCTS.

FREE COUNSELING: (507) 393 8844 / 393 8845



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