

Paltop

Corrugated Foamed PVC Sheet



Overview

Paltop offers a cost-efficient solution for lightweight exterior roofing applications. It has a built-in ability to withstand all weather conditions.

Paltop also has a smooth and attractive appearance, and offered in black or a range of vivid, non-fading colours. Its good impact resistance and low weight makes Paltop easy to handle and ideal for a variety of roofing applications around the house.

Main Benefits

- ❖ Ideal for lightweight roofing
- ❖ Good impact resistance
- ❖ Suitable for all weather conditions
- ❖ Suitable for curved roofing
- ❖ Colours will not fade
- ❖ Provides thermal insulation
- ❖ Environmentally friendly – does not contain any heavy metals
- ❖ 5 year warranty
- ❖ User friendly – Easy to install

Typical Applications

- ❖ Lightweight roofing
- ❖ Awnings
- ❖ Peroglas
- ❖ Private parking
- ❖ Sheds

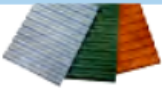

PALTOP™ is lead free and does not contain any other heavy metals.



Paltop

Corrugated Foamed PVC Sheet

Standard Profiles & Dimensions*

Type	Color Range	Profile	Thickness mm	Width mm	Length m	
PALTOP™ Premium	 Grey, Green, Red	70/18 (Greca/Trapeze)		1.2	900	2 - 6
PALTOP™	 Black	76/18 (Iron/Sinus)		1.2	900	2 - 6
		177/51 (5, 6 Waves)		1.2	900, 1100	2 - 6

* Other profiles and dimensions are available upon special request and are subject to a minimum quantity.

Typical Physical Properties

Property	(ASTM Method)	Conditions	Units	Value
Specific gravity	(D-1505)		g/cm ³	0.9
HBU* (Heat buildup)			°C	<33
Tensile strength at yield	(D-638)	10 mm/min	MPa	25
Tensile strength at break	(D-638)	10 mm/min	MPa	20
Elongation at yield	(D-638)	10 mm/min	%	1.4
Elongation at break	(D-638)	10 mm/min	%	7.0
Modulus of elasticity	(D-638)	1 mm/min	MPa	1480
Water absorption	(D-570)	24hr @ 23°C	%	<0.2

* Heat Buildup = The increase of temperature that the product is able to withstand on top of the environment's temperature. In the test, 12x12cm samples of PALTOP were exposed to IR2 250W lamp at a 30cm distance.

Warranty

PALTOP sheets are guaranteed to resist breakage for 5 years in accordance with DIN EN 1013-3. PALTOP will also retain its fire resistance and weatherability for a long period. This warranty will only be valid if PALTOP is handled, stored, cleaned, installed and maintained in accordance with Palrams guidelines.

Weatherability

Improved weatherability makes PALTOP suitable for exterior applications in all climates.