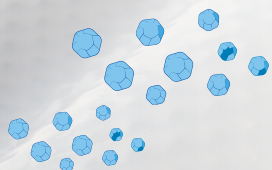


SUNTUF® BH

Embossed Corrugated Polycarbonate Sheet



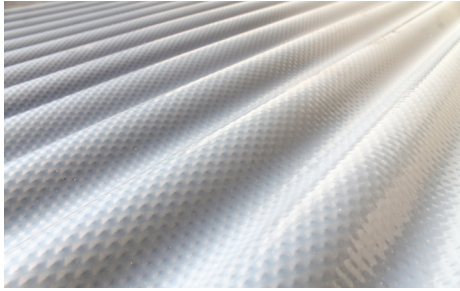
Special technology
for better hail resistance
with unique solar colors
only from Palram



Main Benefits

- UV Protection -
- Hail resistance - 50% more than regular corrugated sheet
- 100% diffused light
- High wind and snow load resistance
- Extended warranty





Typical Applications

- Pergolas and gazebos
- Carports
- Patio enclosures
- Covered walkways
- Sunrooms
- Canopies and overhangs

Product Availability

Colors	Clear, Bronze, Solar Ice, Solar Control
Textures	Prismatic-honeycomb
Thickness	2.8 mm
Width	1045 mm

Profile	Drawing
76/18 Iron/Sinus	

Flammability

SUNTUF® BH complies with the most demanding international fire resistance standards in the field of plastics, as indicated in the detailed table herein. The classification is subject to product type, thickness and color.

Standard	*Classification
AS/NZS 1530.3	Approved
EN13501	B, s1, d0
NFP 92501, 4, 5	M-1
DIN 4102	B-1
UL 723	4.7, 47.0
Los Angeles Building Code	CC2 (Section 2603)
UNI 9177, 9176	Class 2

* For more detailed information please contact your Palram distributor.



PALRAM H.Q.
Tel: +972 4 8459900
Fax: +972 4 8444012
palram@palram.com

PALRAM EUROPE LTD.
Tel: +44 1302 380777
Fax: +44 1302 380788
sales.europe@palram.com

PALRAM AMERICAS
Tel: 610 285 9918
Fax: 610 285 9928
palramamericas@palram.com



79024 - 03.2019

In as much as Palram Industries has no control over the use to which others may put the material, it does not guarantee that the same results as those described herein will be obtained. Each user of the material should make his own tests to determine the material's suitability for his own particular use. Statements concerning possible or suggested uses of the materials described herein are not to be construed as constituting a license under any Palram Industries patent covering such use or as recommendations for use of such materials in the infringement of any patent. Palram Industries or its distributors cannot be held responsible for any losses incurred through incorrect installation of the material. In accordance with our company policy of continual product development you are advised to check with your local Palram Industries supplier to ensure that you have obtained the most up to date information.

©1997 Palram Industries Ltd. | SUNTUF® is a trademark of Palram Industries Ltd.

Typical Physical Properties

Property	Method*	Conditions	Units	Value
Density	D-792		g/cm ³	1,2
Heat deflection temperature (H.D.T)	D-648	Load: 1.82 MPa	°C	135
Service Temperature Range (Short term)			°C	-50 to +120
Service Temperature Range (Long term)			°C	-50 to +100
Coefficient of linear thermal expansion	D-696		cm/cm°C	6.5 x 10 ⁻⁵
Thermal conductivity	C-177		W/m K	0.21
Tensile strength at yield	D-638	10 mm/min	MPa	62
Tensile strength at break	D-638	1 mm/min	MPa	65
Elongation at yield	D-638	10 mm/min	%	6
Elongation at break	D-638	10 mm/min	%	>70
Tensile modulus of elasticity	D-638	1 mm/min	MPa	2,300
Flexural strength mechanical	D-790	1 mm/min	MPa	93
Flexural modulus	D-790	1.3 mm/min	MPa	1,890
Impact falling weight	(ISO 6603/1 E50)	2.8 mm sheet	J	75
Rockwell hardness	D-785		R Scale	118
Light transmission	D-1003	Clear sheet	%	90%
Haze	D-1003	Clear sheet	%	<0.5
Yellowness index	D-1003	Clear sheet	YI	<1

* ASTM method except where noted otherwise

Load / Span Data

Load (kg/m ²)	Maximum Roof Span (mm) 2.8 mm Thickness
50	68623 1400
75	1300
100	1200
125	1175
150	1150
175	1125
200	1100



www.palram.com