

TECHNICAL DATA SHEET

PANELTIM® LIGHTWEIGHT HDPE

Material:	HDPE Prime (High-Density Polyethylene)	
Depth:	20 - 35 - 50 mm	
Surface:	Both sides smooth	
Internal Cell Structure:	50 mm x 100 mm	
Size:	20 - 35 mm:	1200 mm x 1000 mm
	50 mm:	1200 mm x 1000 mm
		2600 mm x 1000 mm



Exterior Wall Thickness: 3.5 mm

Weight:

Depth	Size	Weight
20 mm	1200 mm x 1000 mm	8.5 kg/m ²
35 mm	1200 mm x 1000 mm	9.6 kg/m ²
50 mm	1200 mm x 1000 mm	10.5 kg/m ²
50 mm	2600 mm x 1000 mm	10.5 kg/m ²

Fire Class: Class E (ISO 11925-2 assessment without test certificate)

UV Resistance: (ASTM D 4329)

(Köppen-Geiger) Climate Classification:

UVR:	Cfa, Cfb/Cfc, Dfa/Dwa, D, E, H
UVW:	Af, Aw, Am, BW, BW _h , BW _k , BSh, Cwa, Cwb, Cwc, Csa, Csb

UV resistance is not related to panel surface expansion

Food Contact: Certificates available upon request

Recycling: 100% recyclable
 Recycling Code:



Disclaimer:

This information contains only typical properties of the products. This means these values can deviate. It is the customer's responsibility to inspect and test the product(s) in order to establish the suitability of the product(s) for its and its customers particular purposes. The customer is responsible for the appropriate, safe and legal use while processing and handling all product(s) purchased from us. Nothing herein is intended to be nor shall it constitute a warranty whatsoever, in particular, warranty of merchantability or suitability for a particular purpose.

The latest version of this technical data sheet will be available on our online platform. Contact Paneltim for more information.