



# Coverage Kit

## Palladium Standard



Fire retardant



Waterproof



UV stabilised



All climate zones



Multi-purpose



### › Key Features

- › Fit-for-purpose shelter kit consisting of two 4 x 6 m plastic sheets, two 24 m long ropes and instructions leaflet.
- › Designed for those living in humanitarian settlements setup in the aftermath of natural disasters and humanitarian crises.
- › Made from woven high-density polyethylene (HDPE) black fibres fabric, laminated on both sides with low-density polyethylene (LDPE) white coating.
- › Includes pre-punched reinforcement side bands for easy attachment, such as ropes and nails.
- › Aims to minimise the impact on the environment through its design.
- › Offers fire-retardant, UV-stabilised, water, and soil-resistant properties.
- › Provides a long outdoor use life in all climates.
- › Allows fast and easy setup.

### › Dimensions

#### Plastic sheeting

Width	4 m $\pm$ 1%
Length	6 m minimum
Weight	190 g/m <sup>2</sup> $\pm$ 20 g under ISO 3801 (equivalent to 170 g/m <sup>2</sup> minimum to 210 g/m <sup>2</sup> maximum)
Additional weight of band (10%)	Total weight with band from 187 g/m <sup>2</sup> minimum and 231 g/m <sup>2</sup> maximum

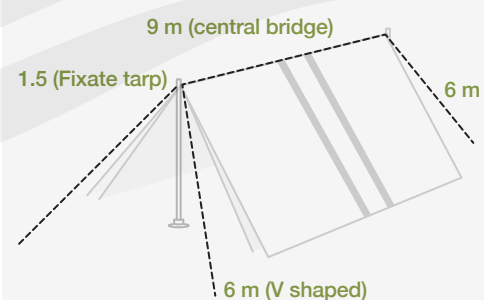
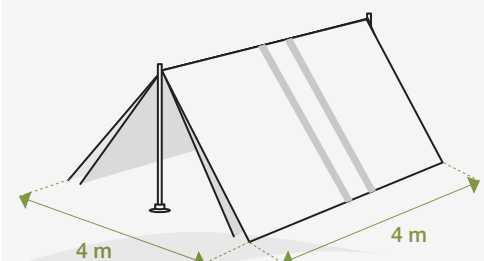
#### Rope specifications

Diameter	6 mm minimum
Length	2 x 24 m minimum
Weight	320 g minimum
Colour	Black
Packaging	Rope coiled to minimise size and height of overall shelter bale

#### Instructions leaflet specifications

Materials	Printed onto an A4 size, Taffeta paper
Content	1-page assembly guide sheet with pictorial instructions

### › Graphic Reference



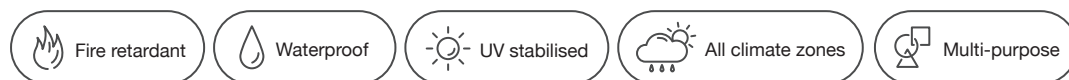
Cut the ropes into 5 pieces

- Central bridge
- V-shaped
- Fixate Tarp



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### › Technical Specifications

<b>Material</b>	Woven high-density polyethylene (HDPE) black fibres fabric laminated on both sides with white low density polyethylene (LDPE) coating
<b>Reinforcement bands</b>	Woven black HDPE fibres fabric and coated with grey LDPE on the outside
<b>Tear strength</b>	Minimum 100 N under ISO 4674-1B 2003, with a test piece of 200 x 200 mm as described in ISO 4674 annex B, in plain sheet
<b>Tensile strength</b>	Minimum 500 N and 15% to 35% elongation in warp and weft in plain sheet under ISO 1421-1
<b>UV resistance</b>	The tarpaulin tensile strength under ISO 1421-1 after 1500 hours UV under ASTM G53/94 (UVB 313 nm peak) must be: Minimum 80% of the original value of the actual product, and not less than 475 N. To be tested in the plain sheet
<b>Reinforcement bands tensile strength</b>	Minimum 700 N inside the reinforcement bands as per ISO 1421-1, pulling lengthwise in a pre-punched hole of 8 mm with a hook of 8 mm wire diameter. To test in 2 holes in each side bands
<b>Reinforcement bands UV resistance</b>	The reinforcement bands tensile strength under ISO 1421-1 after 1500 hours UV under ASTM G53/94 (UVB 313 nm peak) must be: Minimum 80% of the original value of the actual product, and not less than 665 N
<b>Welding number and strength</b>	Only one welding allowed, in the middle of the sheet, length wise. The tarpaulin tensile strength crossways at the place of the welding under ISO 1421-1 must be: Minimum 50% of the original value of the actual product, and not less than 400 N
<b>Fire retardancy</b>	Flame retardant EN13823+A1 Minimum class D, s2, d2
<b>Colour</b>	White sun reflective on both sides of the sheet without fluctuation in colour. Grey coating on the outside of the bands
<b>Shelf life</b>	2 years minimum

### › General Specifications

<b>Kit packing</b>	<p>Shelter Kit items are packaged by folding the items inside of the plastic sheeting. Each completed kits are packed in a poly-bag with customised markings. Completed kit consists of</p> <ul style="list-style-type: none"> <li>» 2x plastic sheets measuring 4 x 6 m each</li> <li>» 2x long ropes measuring 24 m each</li> <li>» 1x instructions leaflet printed on Taffeta paper</li> </ul> <p><b>Bale specifications</b></p> <ul style="list-style-type: none"> <li>» Two kits are baled together with plastic welded banding then covered with recycled plastic bag</li> <li>» Two kits per bale</li> </ul>
<b>Marking of packaging</b>	Marking customised according to client requirements, applied to the outside of each kit and to the poly-bag. For consolidated kit pallets, customised markings are applied and made clearly visible
<b>Marking of goods</b>	Goods will include “made” and “batch” numbers permanently printed in clear text on the banding of the plastic sheeting
<b>Shelf life</b>	Minimum 2 years



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### › Packing and Shipping

#### 1 kit contains

- » 2x Plastic sheeting (4 x 6 m)
- » 2 x Rope, 24m
- » 1x Instructions leaflet

Packing attributes	Unpalletised	Euro-2 Pallets
Content	2 kits per bale	20 bale (40 kits) per pallet
Dimensions	60 x 50 x 21 cm ±20%	120 x 100 x 120 cm ±20%
Weight	22 kg ±10%	460 kg ±10%
Volume	0.063 m <sup>3</sup> ±20%	1.44 m <sup>3</sup> ±20%

### › Estimated Loadability

Containers	Unpalletised	Euro-2 Pallets
20' GP	500 bales (1,000 kits)	18 pallets, 360 bales (720 kits)
40' DC	1,000 bales (2,000 kits)	42 pallets, 840 bales (1,680 kits)
40' HC	1,100 bales (2,200 kits)	42 pallets, 840 bales (1,680 kits)

<sup>1</sup> The loadability provided is based on the maximum volume and weight capacity of the containers. This might change due to road weight restrictions in the country of destination. Please contact our sales team for further clarifications.

