Why Lifeshelter®?

Insulation:
The core material of Lifeshelter®, Polystyrene (XPS), has excellent insulation properties towards both cold and heat as well as sound.

<table>
<thead>
<tr>
<th>Lifeshelter® wall 40 mm</th>
<th>Concrete wall 300 mm</th>
<th>Canvas tent</th>
</tr>
</thead>
<tbody>
<tr>
<td>R-value (m²·K/W)</td>
<td>1.276</td>
<td>3.2</td>
</tr>
<tr>
<td>U-value (W/K·m²)</td>
<td>0.78</td>
<td>0.31</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.054</td>
</tr>
</tbody>
</table>

Source: Transition Aps, Denmark - October 2015, Qushtapa Camp, Kurdish Region Iraq

Snow Load:
Unbalanced Load (ASCE 7) 216 kg/m² – 2.12 KN/m²
Source: Aarhus University, Denmark - January 2016

Lifeshelter® can be reused again and again as shelter, storage facility, guesthouse etc. Furthermore Lifeshelter® can be reused as parts of permanent buildings as e.g. roof structure or external insulation.

Waste Management:
Lifeshelter® panels are reusable for external insulation, several hundred USD per year per Lifeshelter® can be saved.

(Source: Transition Aps, Denmark)

Price & logistics information
Standard price for Lifeshelter® incl. 16 insulated panels, insulated end walls with lockable doors, cover tarp, anchors, fittings and tools is USD 1750. - For larger quantities, ask for a quote.

Lifeshelter® is shipped out of Shanghai port.

20’ container: 14 Lifeshelter®
40’ HC container: 34 Lifeshelter®

Various field experiences
Kara Tepe Camp, Lesbos, Greece (IRC):
30 families have been living in Lifeshelter® since Sept. 2014 and the feedback received is overwhelmingly positive. The families particularly appreciate that Lifeshelter® is providing the benefits of a home like privacy, safety, thermal comfort and protection from external noise. Furthermore they mention improved health conditions especially among their children. The official M & E is handled by external independent institutions like Copenhagen University, Transition & DRC. Report expected in May 2016.

Qushtapa Camp, Kurdistan Region Iraq (Danish Refugee Council):
30 families have been living in Lifeshelter® since Sept. 2014 and the feedback received is overwhelmingly positive. The families particularly appreciate that Lifeshelter® is providing the benefits of a home like privacy, safety, thermal comfort and protection from external noise. Furthermore they mention improved health conditions especially among their children. The official M & E is handled by external independent institutions like Copenhagen University, Transition & DRC. Report expected in May 2016.

Adjumani Camp, Uganda (Danish Refugee Council):
Lifeshelter® is being tested in a tropical climate for temporary medical facilities (delivery room/isolation room), safe space for girls for personal hygiene, reception centre, protection response (counselling) as well as staff accommodation.

Kakuma Camp, Kenya (Lutheran World Federation):
With funding from Unicef, LWF has set up Lifeshelter® for reception center for orphans, office and staff accommodation. The LWF country Representative wrote: “First of all I have now seen the shelters “live” and I will say they are much better in real life than in the pictures!”

RealRelief

info@realreliefway.com - www.realreliefway.com
#SoMe: @realreliefway #lifeshelter #protectingwhatmatters

Photo: Lifeshelter® erection in Kurdish Region Iraq

Photo: Lifeshelter® erection in Kara Tepe Camp, Lesbos.

Photo: Ordinary tent & Lifeshelter® in the background, Adjumani Camp, Uganda.

Photo: Lifeshelter® erection by local people in Kakuma Camp, Kenya.

Photo: Living in a Lifeshelter® - Kurdish Region Iraq

Photo: Straightening Lifeshelter® panels for reuse as insulation

Photo: Lifeshelter® street - Qushtapa Camp, KRI.

Photo: Lifeshelter® erection in Qushtapa Camp, KRI.

Photo: Lifeshelter® erection in Kara Tepe Camp, Lesbos.