

October 2018



Family Shelters



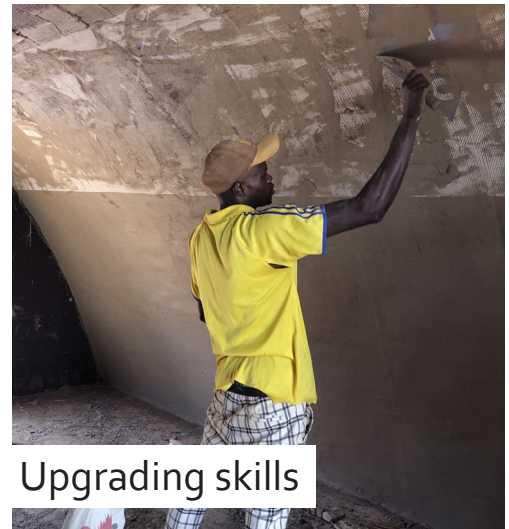
Classrooms



Local production



Easy installation



Upgrading skills

 **LIFESHELTER®**

Durable low-cost shelter concept for displaced populations



“We are dedicated to improving living standards for refugees and internally displaced populations by providing sustainable and dignified low-cost shelter solutions”

Jakob Christensen, CEO & founder of Evershelter ApS



SUSTAINABLE
BUILD



WINNER
2016

Lifeshelter® - Sustainable shelter solutions

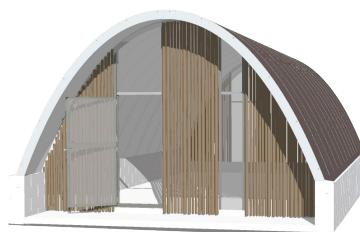
Cost-effective high-quality shelter and housing solutions for multiple purposes worldwide. Together with our internationally renowned partners we work tirelessly to provide dignified shelter solutions that are produced locally for the world's poorest and most vulnerable populations.

Products



Lifeshelter® Family Shelter - Page 5

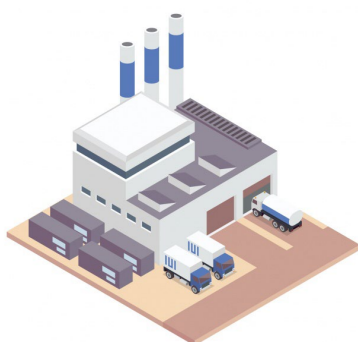
- Well-insulated
- Fire resilient
- Sturdy
- Safe



Lifeshelter® Classroom - Page 7

- Cross-ventilated
- Sound insulated
- Quick setup
- Highly scaleable

Impact



Local Production - Page 8

- Local jobs
- Economic growth
- Upgrading skills
- Export opportunities



Sustainable Impact - Page 10

- Reusable
- Recycable
- Durable
- Energy efficient

The largest ever humanitarian crisis

More than 68.5 million people in the world today have been forced to leave the safety of their homes to face an uncertain future. The tents and shelters typically used in refugee camps provide inadequate living conditions.



A safe family home

Our award-winning design offers a safe and secure shelter resistant to all weather conditions.

Lifeshelter® Family is constructed with unique insulating panels that ensure a more energy efficient and healthier indoor environment in all climates. The sturdy construction, sound insulation and lockable doors offer the families a feeling of safety and privacy in an often cramped and tense setting.



Lifeshelter® Family Shelter

Specifications*



Expected Life Span	15+ years
Assembly Time	2-3 hours / 2 people
Floor Area	~18 m ²
Dimensions (HxWxL)	2.20x3.75x4.72m
Door dimension	H:196cm W:t80cm
Fire Safety	b2sd0
Wind Speed Resistance	120 km/t / 32.6 m/s
Thermal Conductivity	$\lambda = 35$
Panel / Total Weight	11 kg / 212 kg
Container (40 ft.)	30 shelters

*Subject to customer preferences



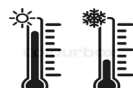
Earthquake resistant



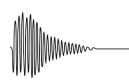
Fire resistant



Hurricane resistant



Resistant to both high and low temperatures



Noise reducing



Waterproof



Produced locally

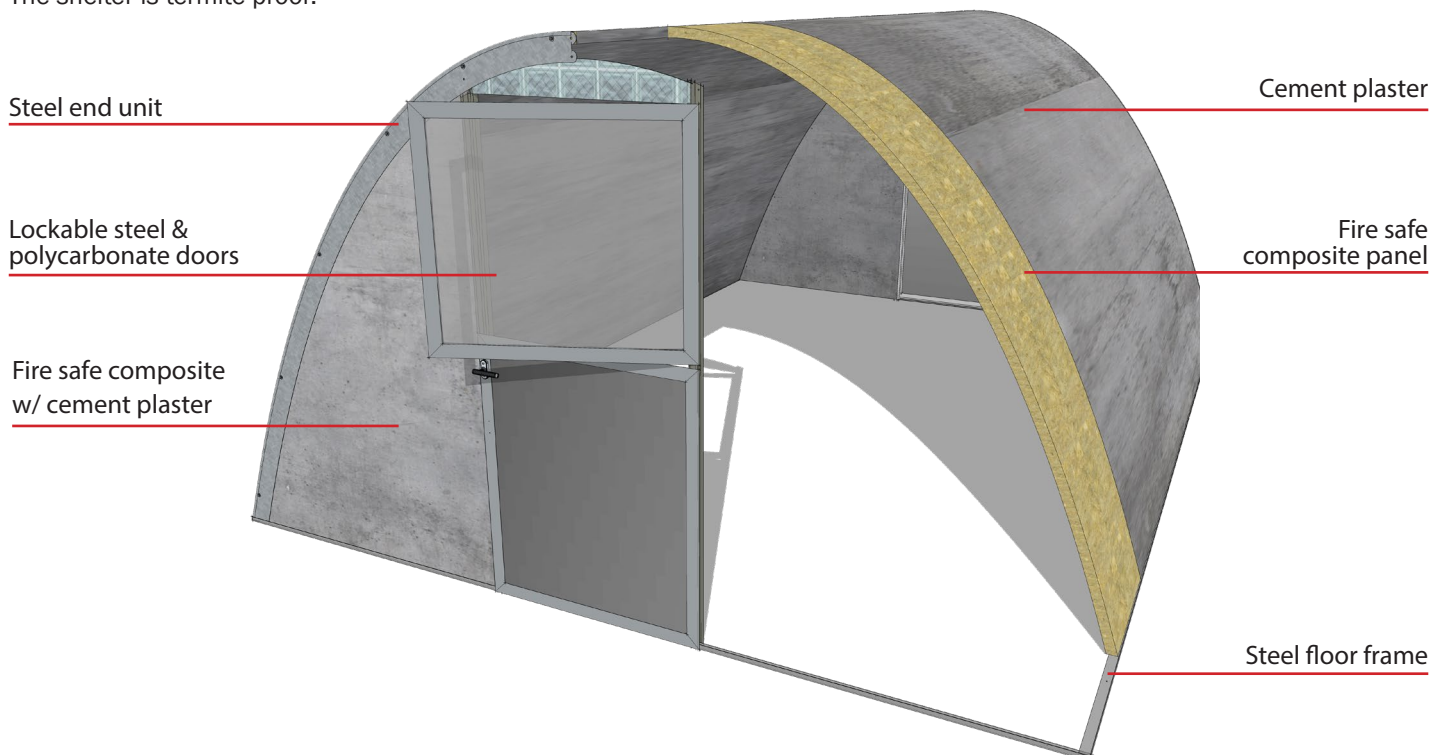
Construction

An 18m² shelter consists of 16 curved insulation panels placed on a steel floor frame.

There are lockable doors with ventilation at each end of the shelter.

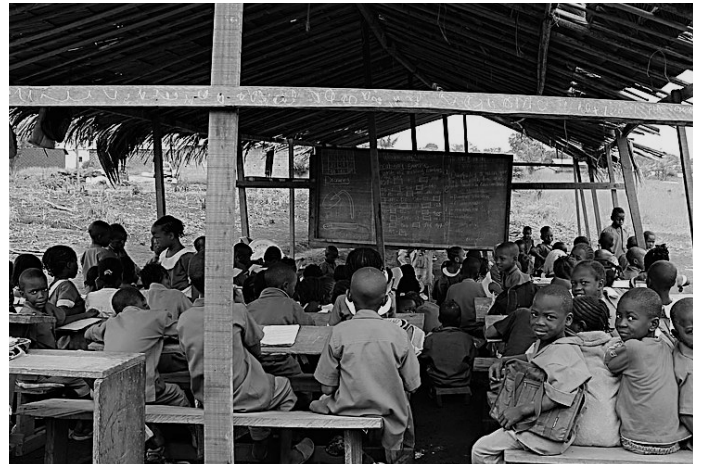
Cement plaster is applied outside and inside the shelter to make it weather-proof and increase the life span.

The shelter is termite proof.



The education crisis

194 million children and adolescents worldwide do not attend primary school, due to lack of proper learning environments, educational material and sociocultural circumstances.



A proper learning environment

Lifeshelter® Classroom is a cost-effective high-quality classroom shelter that provides a proper learning environment developed to comply with local conditions.

The unique insulation panels prevent radiation heat and reduce noise from the outside significantly and the ventilated end-walls ensure a pleasant and energy efficient indoor climate.

The classrooms are highly durable and can be assembled in a few days.



Lifeshelter® Classroom



Specifications*

Expected Life Span	25+ years
Assembly Time	5-7 days / 3 people
Floor Area	~40 m ²
Dimensions (HxWxL)	3.41x4.95x9.00m
Door dimension	H:196cm W:80cm
Fire Safety	b2sd0
Wind Speed Resistance	120 km/t / 32,6 m/s
Thermal Conductivity	$\lambda = 35$
Student Capacity	Max. 54 students
Container (40 ft.)	11 shelters

*Subject to customer preferences



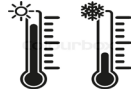
Earthquake resistant



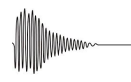
Fire resistant



Hurricane resistant



Resistant to both high and low temperatures



Noise reducing



Waterproof

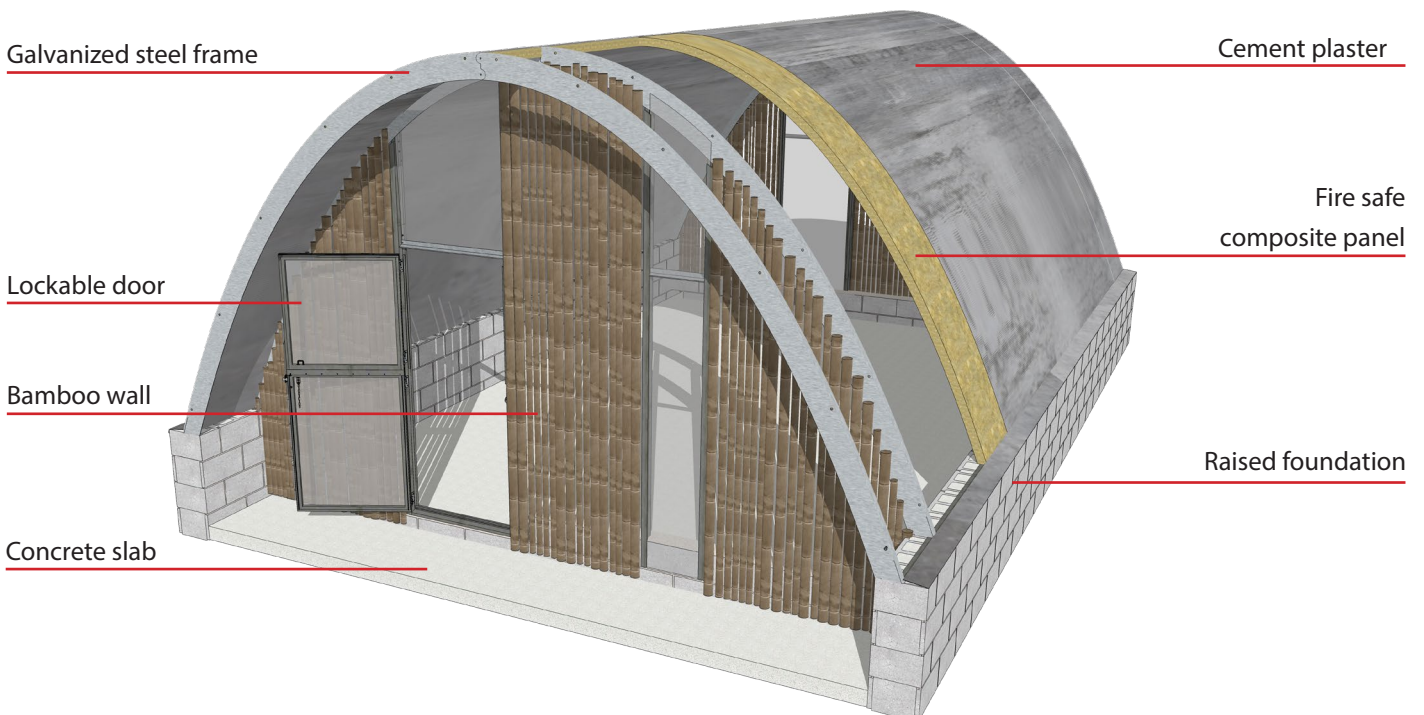


Produced locally

Construction

Quality construction materials secure the structure to withstand exposure against the forces of nature, tear and wear. The quality of the foundation base is essential to a long life span.

We recommend hiring a competent local contractor for the construction of foundations.





Lifeshelter® panels can be produced locally by unskilled labour, and production facilities can be prepared in any large warehouse or even in the refugee camp in only a few weeks and can be scaled according to demand. A local production supports local economic growth by providing jobs, upgrading skills and creating new export opportunities.

Local production

At Evershelter we strive to promote sustainable economic growth, productive employment and decent work in the countries we work in. Refugee host countries often face severe economic challenges, and we recognize that the above-mentioned factors are crucial for creating conditions that allow people to become more resilient and less dependent on aid, and eventually lift them out of poverty.

Instead of making an explicit donation our business model is designed as an income-generating project that ensures a more viable and sustainable social impact.



Local economy

Evershelter aims to maximize our economic contribution to the community, procuring all available materials from local suppliers, mostly using local contractors, sales agents and labour and co-owning the factories with local business partners.



Local jobs

A typical production cell with a monthly capacity of 600 shelters will create 50 full time jobs, and 150 indirect jobs for logistics services, building construction, assembly and administration.



Export opportunities

A factory will give the host country and local partners the potential to become strong exporters of housing solutions to neighbouring countries, increasing the potential market size and contributing to the trade balance and economy.



Capacity building

A local production cell will provide on-the-job-training to workers in the factory in various production methods, and ensure knowledge and technology transfer for suppliers and contractors involved in logistics, construction, assembly and maintenance of the solutions from the factory.



High capacity

Production capacity can quickly be scaled according to demand, and new production cells can be established in any large warehouse in a few weeks. The proximity to market and short production time secure lead times of less than 26 weeks for 4.000 shelters.



The shelters typically used in East Africa are made up of wood rafters, trusses and plastic sheeting. Replacing these with Lifeshelter® eliminates the need for wood, and thereby prevents deforestation and impoverishing the scarce local resources. Resources which are vital as a food source for grassing domestic animals, and to avoid wildfire and floodings. Over 45.000 trees can be saved annually for every 1.000 typical shelters of trees and plastic replaced by Lifeshelter®.

Our world - Our responsibility

At Evershelter we are committed to developing and producing sustainable solutions for the inhabitants of our shelters, the local society, as well as for the environment.

In our effort to advance the Sustainable Development Goals we support the Ten principles of the UN Global Compact with respect to human rights, labour, environment and anti-corruption. Throughout our value chain we strive to combine bottom line profits, sustainable environmental practices and positive societal impact.



Reusable

When Lifeshelter® is no longer needed, the panels can be reused as insulating boards in new or existing buildings. Thereby the second life of the product serves the purpose of making permanent buildings more energy efficient.



Avoiding transitional waste

The increased lifespan of the shelter, and the use of reusable materials will significantly decrease the amount of transitional waste in refugee camps.



Durable

Lifeshelter® is highly resistant to extreme weather conditions and are easily adaptable to all climates. The life span can be further increased by upgrading the shelters to more permanent Lifeshelter® solutions.



Energy efficient

Lifeshelter® is made from high-quality insulating materials, which improves energy efficiency significantly and thereby leads to a decrease in CO² emissions.



Environmentally friendly

The exploitation of natural resources such as deforestation is an occurring problem in developing countries. The production of Lifeshelter® does not contribute to the drainage of scarce natural resources such as native forests.



For enquiries and project proposals please contact Evershelter ApS

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