

IKEA flatpack refugee tent

Swedish furniture giant IKEA is working with the UNHCR to produce a flatpack refugee shelter which can be rapidly assembled in crisis zones

Roof and walls:

Made of lightweight semi-hard plastic designed to last at least three years – compared to six months for conventional refugee tent

Shade-net: Metallic fabric deflects heat during day and retains it at night

Solar panel: Powers built-in lamp and USB port

Lamp

Curtains

Windows

Plastic sheet flooring

Roof and wall panels snap onto metal frame and secured by plastic fasteners

Assembly: Shelter set up in four hours. No tools required

Metal frame:

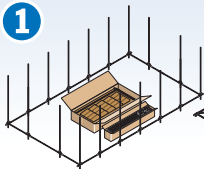
Held together by connectors and wires

Size: 17.5 sq metres – houses five people

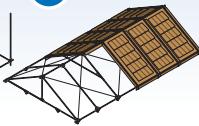
Weight: 100kg

Cost: \$1,000 per unit once in mass production

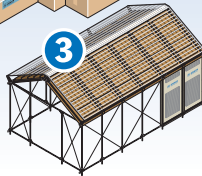
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