

Emergency Shelter Kit

Shelter Cluster Ukraine Emergency Shelter Kit (ESK) comprises a selection of materials designed to promptly address war-related building damages. It encompasses a series of items that have demonstrated maximum utility, ease of storage, distribution, and installation based on experience and contextual insights.

The primary objective of the Emergency Shelter Kit (ESK) is to offer immediate protection during emergencies by shielding occupants from potentially hazardous environmental elements and preventing further deterioration of dwellings. Note that ESKs are not designed for long-term protection or extensive repair of severe structural damage. Long-term repairs necessitate comprehensive assessments, additional resources, and specialized interventions that exceed the scope of an Emergency Shelter Kit.

ESKs are well-suited for prepositioning and providing immediate assistance after emergencies, effectively sealing a building's thermal envelope while preparing for more permanent repairs. This is particularly applicable in scenarios where access constraints hinder proper damage assessments and specialized technical support.

ESKs might not be the ideal response in situations where immediate, enduring repairs are feasible. In accessible areas where damage assessments are possible and materials can be customized to specific needs, opting for more enduring repairs is recommended over relying solely on an Emergency Shelter Kit.

Standard Emergency Shelter Kit (ESK) Rev01_231222				
No	Item	Size	Qty	Technical Specifications
1	Reinforced plastic tarpaulin	4.0 x 5,0 m	2	Material: Woven high-density polyethylene (HDPE) black fibers fabric laminated on both sides with low density polyethylene (LDPE) coating. Reinforcement: Reinforced rims by heat sealing on all sides. Resistance: -20°C to 80°C Eyelets: Provided with aluminium eyelets or equivalent on four sheet sides of the single sheets at 100cm ±5cm centre to centre, providing very strong fixation points. Weight: 200g/m ² ±5%, total: 4.800g ±5% Color: White sun reflective on both sides, grey bands. Inner black fibers with good opacity.
2	Transparent Plastic Sheet	3,0 x10,0 m	30 m ²	Transparent plastic sheet, light for windows, 0.150mm, UV stabilised
3	Batten	25 x 100 x 2.000 mm	10 pcs	Pine or fir tree wood of density of P<0.5 g/cm ³ and of class C27 according to MGB 520001
4	Nails	60 x 2,5 mm	0,1 kg	Nails, iron, for wood
5	Nails (alternative screws)	100x4,5mm (100x4,8)	0,2 kg	Nails, iron, for wood (alternative screws for wood)
6	Oriented Strand Board (OSB)	250 x 125 cm	2 pcs	Wood board with 10 mm thickness
7	Mounting foam	850 ml bottle	1 pc	Professional mounting foam with application temperature between -5 to 30 °C