

FIRE RESISTANT LOFT LADDER REI 45



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DOLLE REI 45 timber folding loft ladder conforms to EN 13501-2 with a fire resistance of 45 minutes. REI is the new European classification that replaces the old fire-resistant classifications. The new European fire requirements described for loft ladders as follows:

- 1) R (resistance) carrying capacity during fire.
- 2) E (integrity) ability to keep flames and gases out.
- 3) I (insulation) ability to keep warm out.

After the classification, the time period for which the loft ladder can withstand fire is indicated by the DOLLE REI 45 so that the fire-resistant loft ladders are fireproof for 45 minutes.

The trapdoor is insulated with 50 mm rockwool plate, which is made of non-combustible, moisture and water-repellent Rockwool stone wool. The trapdoor has a quality finish in white HDF plate with hidden hinges with a high quality lock.

PRODUCT DATA

PRODUCT NAME	Fire resistant loft ladder REI 45
TYPE	3-section
MATERIAL	Timber
PRODUCT-NO.	1010675
CEILING HEIGHT	Max. 2880 mm
MAX. SWING CLEARANCE	1590 mm
NUMBER OF TREADS	12
OPENING SIZE	1200 x 700mm
CASING SIZE	1175 x 676mm
LADDER (WIDTH)	400 mm
MATERIAL (CASING)	Blockboard
THICKNESS (CASING)	18 mm
HEIGHT (CASING)	190 mm
MATERIAL (TRAPDOOR)	white HDF 2 x 3
INSULATION (TRAPDOOR)	50 mm
THICKNESS (TRAPDOOR)	56 mm
DEPTH (TREADS)	83 mm
WIDTH (TREADS)	358 mm
RISE (TREADS)	250 mm
MATERIAL (TREADS)	Beech
MATERIAL (STRING)	Pine
DEPTH (STRING)	83 mm
THICKNESS (STRING)	21 mm
MAX. HEIGHT CLOSED STAIR	367 mm
MAX. HEIGHT ARM, CLOSED STAIR CM	592 mm
SPECIAL MEASURE	Yes
U-VALUE W/(M ² K)	0.96 tested as building component
CERTIFICATE	EN 31501-2
TEST	IFT Rosenheim EN12207 Class 4