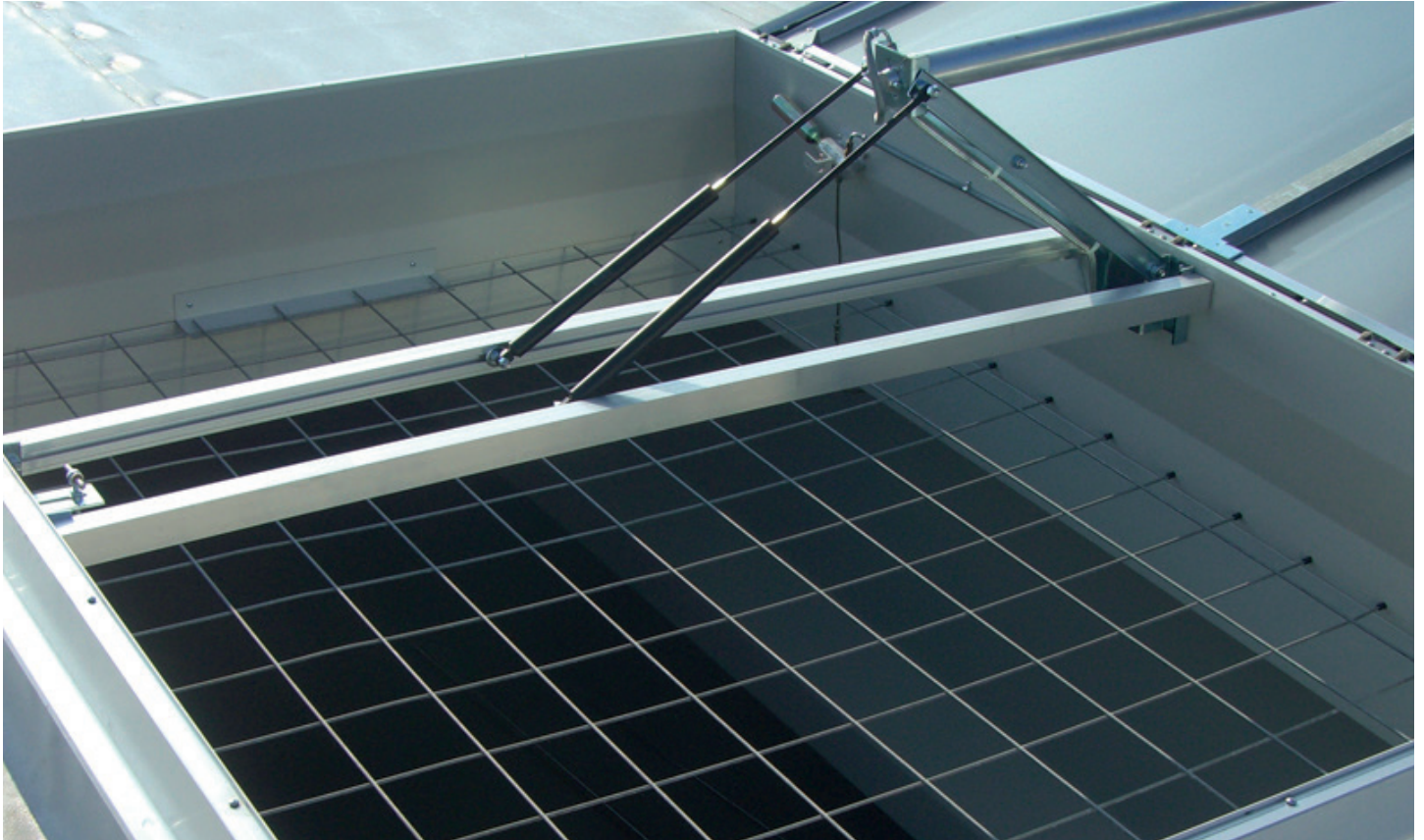


Product overview

Fall-through safety accessories – TOP-90 Dome rooflight series

VELUX®

Commercial



Fall-through safety accessories – Dome rooflights for flat roofs

Product description:

Classically curved or hybrid dome rooflights in accordance with EN 1873 to meet various energy, sound insulation and safety requirements. Glazing made from high-quality, UV-resistant plastic (PMMA or PC).

Recommended use:

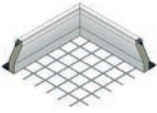
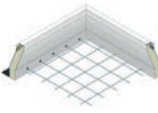
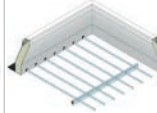

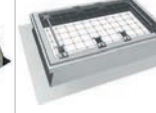
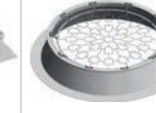
Flat roofs of unheated or heated buildings with a roof pitch of up to 15° (steeper roof pitches on request).

Basic functions:

Permanent fall-through protection for plastic dome rooflights during maintenance or other roof inspections. For factory installation, site installation or retrofitting.

Features and benefits:

Thanks to the mechanical fastening of dome top units, they are simple and inexpensive to install and replace.

Fall-through safety designs	DSD	STEEL MESH MAT	STEEL PIPE SYSTEM	STEEL ROLLING GRATE SAFETY DEVICE	LK-DDN	LK-DDS
Illustration						
Product description	Galvanised steel punched grid	Galvanised steel wire mesh	Galvanised steel pipe	Steel tubes (tube in tube) electrogalvanised	Stainless steel net	Galvanised steel punched grid
Surface treatment (optional)	Coating according to RAL	Coating according to RAL	Coating according to RAL	Coating according to RAL	Coating according to RAL	Coating according to RAL
Product positioning	Below the AK flange	Integrated in the lower section of steel rooflight bases	Integrated or installed in the lower area of rooflight bases	Integrated or installed in the lower area of rooflight bases	For installation in the upper area of rooflight bases	For installation in the upper area of round rooflight bases
Design standard	150 x 150mm/ 100 x 100mm *)	150 x 150mm	Centre distance: 120mm	Centre distance: 120mm	100 x 100mm	100 x 100mm
Load pick-up – standard	600 Joules	600 Joules	600 Joules	600 Joules	600 Joules	600 Joules
Testing in accordance with GS-BAU-18 with DGUV certificate	✓	✓	✓	✓	✓	✓
Load suspension – variant	1.200 Joules **)	X	X	X	X	X
Testing according to EN 1873 With DTI test report	✓	X	X	X	X	X

Functions at a glance

Permanent fall-through protection according to GS-BAU-18 – with DGUV certificate	✓	✓	✓	✓	✓	✓
Permanent fall-through protection according to EN 1873 – with DTI test report	✓	X	X	X	X	X
Combination with SHEV function according to EN 12101-2	✓	✓	✓	✓	✓	✓
Suitable for retrofitting	X	X	X	X	✓	✓
Variant available for retrofitting	✓	X	X	X	X	X
Factory assembly	X	✓	✓ ****)	✓ ****)	✓ ***)	X
Site assembly	✓	X	X	X	✓	✓
Retrofit with standard product	X	X	X	X	✓	✓
Retrofit with product variant	X	X	✓	✓	X	X

Note: The use of fall-through protection in NSHEVs can lead to reduced A_s performance!


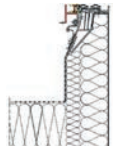





*) Required in AT, other countries available on request

**) Required in CH, other countries available on request

***) If LK-DDN is part of the original equipment

****) Only for metal upstand

Fall-through safety variants	DSD	STEEL MESH MAT	STEEL PIPE SYSTEM	STEEL ROLLING GRATE SAFETY DEVICE	LK-DDN	LK-DDS
Insert combinations skylight dome						
TOP-90 2-Skin	✓	✓	✓	✓	✓	✓
TOP-90 3-Skin	✓	✓	✓	✓	✓	✓
TOP-90 COMFORT 4-Skin	✓	✓	✓	✓	✓	✓
TOP-90 PLUS	✓	✓	✓	✓	✓	✓
TOP-90 SOUND	✓	✓	✓	✓	✓	✓
TOP-90 COMFORT-S	✓	✓	✓	✓	✓	✓

Insert combinations Mounted ring		DSD	STEEL MESH MAT	STEEL PIPE SYSTEM	STEEL ROLLING GRATE SAFETY DEVICE	LK-DDN	LK-DDS
ISO-THERM-AK		✓	✓ from AK height 40cm (for direct installation) *) Retrofitting possible	✓ from AK height 40cm (for direct installation) *) Retrofitting possible	✓ from AK height 40cm (for direct installation) *) Retrofitting possible	✓ **)	X
ISO-THERM-AK-steep		✓	X (No direct installation possible)	X (No direct installation possible)	X (No direct installation possible)	✓ **)	X
Metal-AK-TE		✓	✓ from AK height 40cm (for direct installation) *) Retrofitting possible	✓ from AK height 40cm (for direct installation) *) Retrofitting possible	✓ from AK height 40cm (for direct installation) *) Retrofitting possible	✓ **)	X
Metal-RAK		✓	✓ from AK height 40cm (for direct installation) *) Retrofitting possible	✓ from AK height 40cm (for direct installation) *) Retrofitting possible	✓ from AK height 40cm (for direct installation) *) Retrofitting possible	✓ **)	X
GFK-AK		✓	X	X	X	✓ **)	✓ **) (GFK-AK round)
GFK-RAK		✓	X	X	X	✓ **)	X
PVC-AK		✓	X	X	X	✓ **)	X

** Sufficiently load-bearing substrate required
--> Test according to installation instructions required!