Vario fall-through protection systems

VELUX®
Commercial
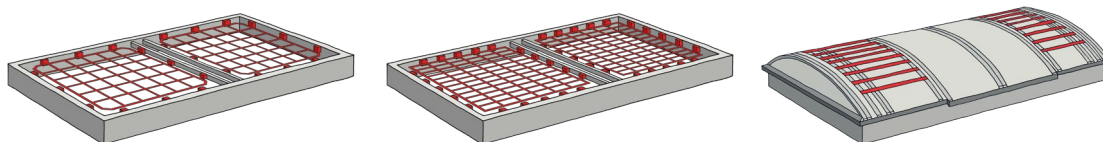
System	LB-DSL 600J	LB-DSL 1200J	VARIO Safeguard
Purpose	Interior safety net	Interior safety net	Exterior traffic route protection
Description	Inside net with 90 mm x 100 mm grid	Inside net with 50 mm x 100 mm grid	Strips over the Vario CRL
Colour / Material	Galvanized steel	Galvanized steel	Raw aluminium
Impact energy	600 J	1200 J	1200 J
Standard	GS-BAU-18	GS-BAU-18, EN 14963	GS-BAU-18, EN 14963
For VARIO CRL	✔	✔	✔ (not for THERM S)
For VARIO CRL flap	✔	✔	X
New build VARIO CRL	✔	✔	✔
After sale VARIO CRL	✔	✔	✔
Other type CRL	On request	On request	X
Upstand material	Steel, timber	Steel, timber	All relevant
Sizes	Width: From 120 up to 600 cm Length: No limitation	Width: From 120 up to 600 cm Length: No limitation	Width: From 120 up to 1134 cm Length: No limitation
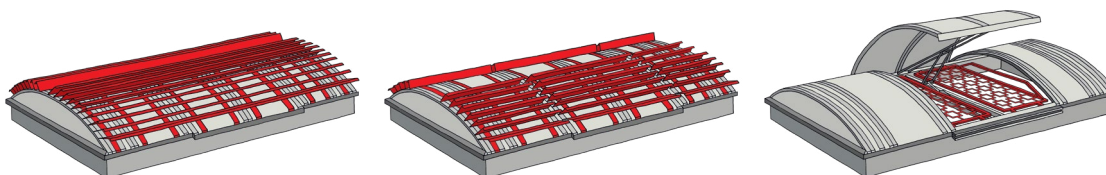
System	VARIO Protect	VARIO Protect 120 VWS	LB-DDS
Purpose	Exterior impact protection and sun protection	Exterior traffic route protection	Interior Flap safety
Description	Profiles over Vario CRL	7 profiles per side over VARIO CRL.	Steel grid inside upstand under flap
Colour / material	Anodized aluminum profiles at 60 or 120 mm distance. Colour on request.	Anodized aluminum profiles at 120 mm distance. Colour on request.	Galvanized steel
Impact energy	600 J	600 J	600 J or 1200 J
Standard	GS-BAU-18	GS-BAU-18	GS-BAU-18
For VARIO CRL	✔	✔	✔ (not for THERM S)
For VARIO CRL flap	✔ [1]	✔ [1]	✔
New build VARIO CRL	✔	✔	✔
After sale VARIO CRL	✔	✔	✔
Other type CRL	X (only as sun protection)		X
Upstand material	All relevant	All relevant	Steel
Sizes	Width: From 120 up to 650 cm Larger width on request. Length: No limitation	Width: From 120 up to 650 cm Larger width on request. Length: No limitation	Opening width: From 100 up to 200 cm 1200J Opening width: Up to 250 cm 600J Opening length: Up to 204 cm

Note:
1) Only Full flap, Side flap and Cross beam flap at VARIO NORM or VARIO THERM with FireJET 165J / 130J, pneumatic open-only with SL 500 at room temperature or for Comfort venting