

# Metal AK upstand type ISO-THERM AK-AS

**VELUX®**
**Commercial**


For aluminium standing seam roof systems

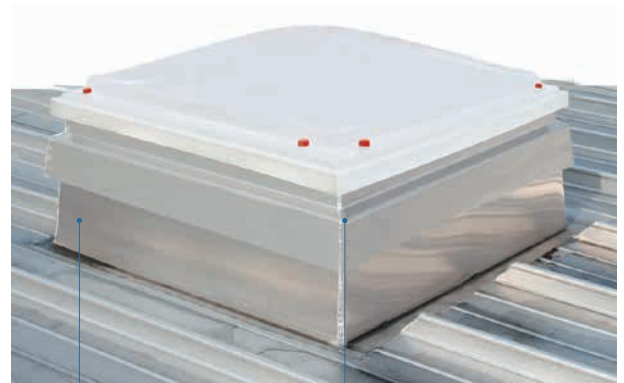
## Metal AK upstand type ISO-THERM AK-AS

- specially designed upstand with aluminium sheet connection for fitting in aluminium standing seam roofs
- inner load-bearing shell made of galvanized steel sheet, coated in RAL 9002 (or the RAL colour of your choice)
- thermal insulation between inner and outer shell:  
60 mm mineral fibre
- thermal transfer coefficient  
 $U_{Up,40} = 0.70W/m^2K$   
 $U_{Up,50} = 0.66W/m^2K$   
 $U_{Up,60} = 0.63W/m^2K$
- upstand heights: 40, 50 or 60 cm
- upstand is delivered ready to be assembled on the roof with the dome rooflight
- outer shell is placed over the upstand and then welded with the roof covering
- opening is completely tight after assembling the four-part collar sheets which are already factory-welded in the corners

### Advantages

- unhindered expansion of the roof covering by separating the light dome from the outer shell of the upstand
- vapour barrier connects to upstand for fast construction and waterproofing
- thermal bridges applications according to EnEV 2014 (2016)

## Metal AK upstand 40 type ISO-THERM AK-AS with dome rooflight TOP-90



*Aluminium outer shell welded to the roof covering*

*Aluminium collar sheets welded in the corners*

1.1.1  
TOP-90

1.1.2  
TOP-90 PLUS

1.1.3  
TOP-90  
sound reduction

1.4.1  
Dome rooflight  
safety concept

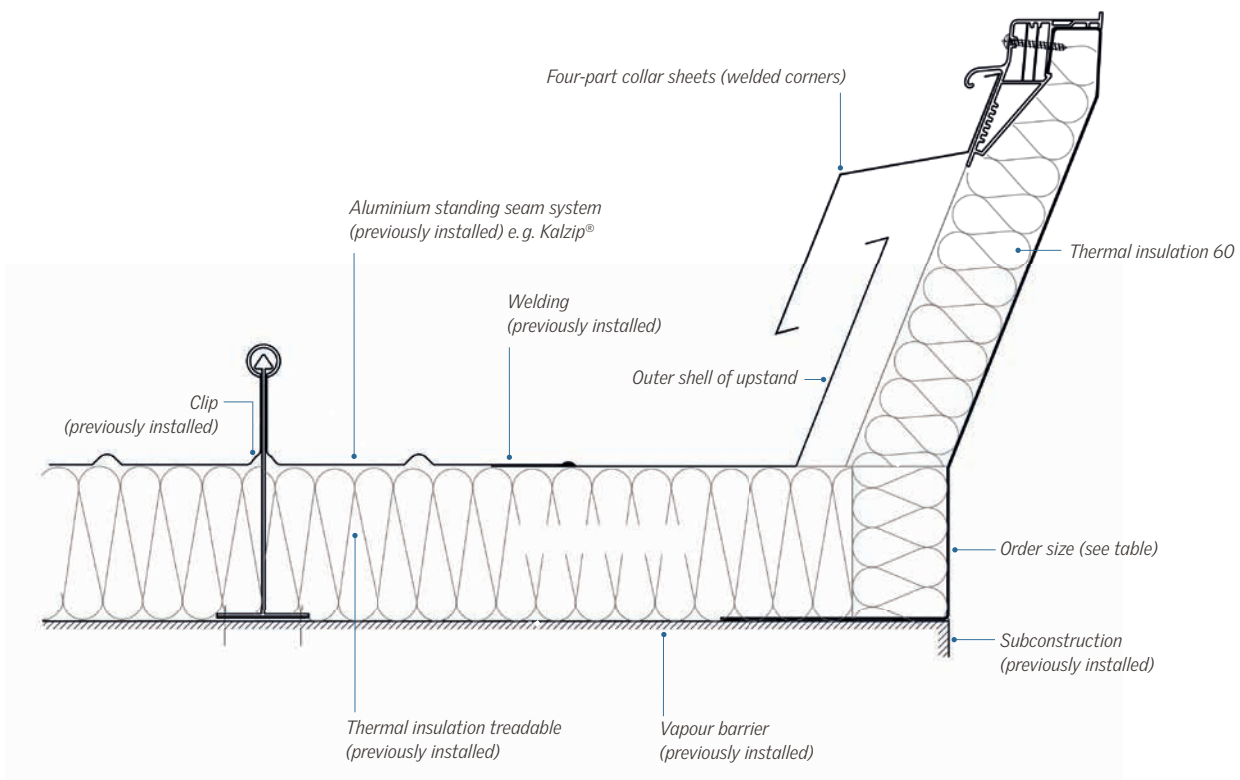
1.4.5  
LK-DDS

1.4.6  
LK-DDN

**Metal AK upstand type ISO-THERM AK-AS**  
order sizes in heights of 40 and 50 cm

cm x cm	cm x cm	cm x cm	cm x cm
90 x 90	120 x 120	125 x 250	180 x 180
90 x 120	120 x 150	150 x 150	180 x 240
100 x 100	120 x 180	150 x 180	180 x 250
100 x 150	120 x 210	150 x 210	180 x 270
100 x 200	120 x 240	150 x 240	200 x 200
100 x 240	120 x 250	150 x 250	-
100 x 250	120 x 270	150 x 270	-

**Metal AK upstand type ISO-THERM AK-AS, assembled on an aluminium standing seam roof**



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