

JET-METAL UPSTAND

TYPE ISO-THERM UPSTAND



Solution without thermal bridges for metal upstands
Ideal complement for daylight solutions demanding both in terms of energy and design



Energy efficiency through:

JET-PVC slip-over frame:

- No thermal bridges and insulating upper upstand termination
- Hard PVC multi-chamber insulation construction
- Seating for roof connection sheeting
- Fixation of roof connection sheeting with the optimal system

JET metal upstand:

- Advancement of the proven system upstand
- Without protruding metal parts
- Visible surface coil-coated in RAL 9002
- Standard upstand heights: 30, 40, 50 and 60 cm
- 60 mm thermal insulation (mineral wool, construction material class A1)
- Heat transfer coefficient:
 - $U_{N,AK} = 0.46 \text{ W/m}^2\text{K}$ according to DIN EN 6946
 - $U_{up,30} = 0.77 \text{ W/m}^2\text{K}$ according to DIN EN 1873
 - $U_{up,40} = 0.70 \text{ W/m}^2\text{K}$ according to DIN EN 1873
 - $U_{up,50} = 0.66 \text{ W/m}^2\text{K}$ according to DIN EN 1873
 - $U_{up,60} = 0.63 \text{ W/m}^2\text{K}$ according to DIN EN 1873

(Certified according to DIN EN ISO 10077-2 and DIN EN ISO 10211)

Innovation:

European patent is granted

Safety through:

JET system accessories (optional):

- JET-fall-through protection (e.g. TYP DSD, LK-DDS, roll-up grille guard etc.)

Advantages at a glance:

- No thermal bridges for EnEV 2014/2016 applications
- Ideal supplement for energy efficient daylight products (e.g. JET-TOP 90 PLUS/Comfort or Atmosphere)
- Short delivery times
- High variability
- Attractive options

Summary of options:

(availability, prices and delivery times on request)

- Concealed wiring for electromotive drives (e.g. ventilation or shading motors)
- Integrated 7° slope for improved water run-off for plane ATMOSPHERE products (e.g. JET-SKYSIGHT) (available for upstand height 40, 50 and 60 cm)
- Version with optional adjusting plates for realisation of a pressure-resistant surface for bituminous roof sealings (see drawing on page 2)
- Version as steep upstand to increase the surface for light entry in case of limited roof opening space (in combination with JET-SKYSIGHT, LIGHT DOME GLASS or JET-ISO-PYRAMID / HIP-ROOFLIGHT 45° GLASS/ GRILLODUR e.g. see drawing on page 2)

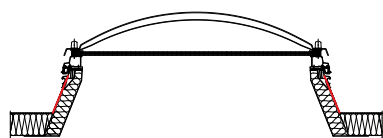


1.1.1 JET-TOP 90	1.1.2 JET-TOP 90 PLUS	1.1.3 JET-TOP 90 SOUND REDUCTION	1.4.1 The JET-light dome safety concept	1.4.5 JET-LK-DDS	1.4.6 JET-LK-DDN	3.4.1–3.8.1 JET-ATMOSPHERE
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JETISO-THERMALUPSTAND/ORDER SIZES AND UPSTAND HEIGHTS

	Euro geometry Standard version	Euro geometry incl. 7° slope*		Euro geometry Standard version	Euro geometry incl. 7° slope*
Upstand height	30, 40, 50, 60* cm	40, 50 and 60 cm (eaves side)	Upstand height	30, 40, 50, 60* cm	40, 50 and 60 cm (eaves side)
Nominal bottom clear width upstand cm x cm			Nominal bottom clear width upstand cm x cm		
50 x 100	TOP 90	-	135 x 230	TOP 90	-
50 x 150	TOP 90	-	140 x 140	LKG	-
60 x 60	TOP 90 / S	S	150 x 150	TOP 90 / LKG / S	S
60 x 90	TOP 90 / LKG / S	S	150 x 180	TOP 90 / S	S
60 x 120	TOP 90	-	150 x 210	TOP 90 / S	S
70 x 135	TOP 90	-	150 x 240	TOP 90	-
80 x 80	TOP 90 / LKG / S	S	150 x 250	TOP 90	-
90 x 90	TOP 90 / LKG / S	S	150 x 270	TOP 90	-
90 x 120	TOP 90 / LKG / S	S	150 x 300	TOP 90	-
100 x 100	TOP 90 / LKG / S	S	180 x 180	TOP 90	-
100 x 150	TOP 90 / LKG / S	S	180 x 240	TOP 90	-
100 x 200	TOP 90	-	180 x 250	TOP 90	-
100 x 250	TOP 90	-	180 x 270	TOP 90	-
120 x 120	TOP 90 / LKG / S	S	180 x 300	TOP 90	-
120 x 150	TOP 90 / S	S	200 x 200	TOP 90	-
120 x 180	TOP 90 / LKG / S	S	200 x 300	TOP 90	-
120 x 210	TOP 90	-	210 x 210	TOP 90	-
120 x 240	TOP 90	-	220 x 220	TOP 90	-
120 x 250	TOP 90	-	240 x 240	TOP 90	-
120 x 270	TOP 90	-	250 x 250	TOP 90	-
125 x 125	TOP 90	-	270 x 270	TOP 90	-
125 x 250	TOP 90	-			

TOP-90 / LKG / S (available for TOP 90 series / LIGHT DOME GLASS / SKYSIGHT / ISO-PYRAMID / HIP-ROOFLIGHT 45° GLASS/GRILLODUR)
- not available



JET-TOP 90 Plus on
JET-ISO-THERM upstand
Equipment option adjusting plates
(red lines)



JET-Skysight on
JET-ISO-THERM upstand 7°



JET-SKYSIGHT on
JET-ISO-THERM-UPSTAND steep
Use with sufficient roof slope

PLEASE CONTACT:

JET Tageslicht & RWA GmbH · Weidehorst 28 · D-32609 Hüllhorst
Tel. +49 (0) 57 44 / 503-0 · Fax +49 (0) 57 44 / 503-40



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