BKS ICS HEAT INSULATED BALCONY GLAZING SYSTEM WITHOUT THRESHOLD CALCULATION FORMULA

globalcon

Glass Width Calculation (30mm)

System Width (Frame profile) Dimension (4000) − Gap between First or Last Side Column and Intermediate Glass Profile (37+37=74) -+ 1mm Tolerance − Space of Locking Profile and Gap Between Glasses (48+16=64) -+ 1mm Tolerance − Space Between Two Glasses (16 mm) Intermediate Glasses Quantity (4) (16x4=64) -+ 1mm Tolerance = Measure to be Divided by Quantity of Glass panels (3798) / Panels Quantity (6) = Glass Width (633)

Glass Height Calculation (30mm)

System Height (2000) − Dimension to be Deducted for the Frame Profile, Glass Channel in Base Profile and Working Space (131) -+ 1mm Tolerance = Glass Height (1869)

Side Column Length Calculation

System Height (2000) − Dimension to be Deducted for the Frame Profile and Side Column Equipment (86) -+ 1mm Tolerance = Side Column Height (1914)

Intermediate Vertical Profiles Height

System Height (2000) − Dimension to be Deducted for the Frame Profile, Connection Plastic Part and Working Space (116) -+ 1mm Tolerance = Intermediate Vertical Profiles Height (1884)

INFORMATION - NOTE

Angle Values to Be Taken For Frame Profile to Calculate Glass Width in Angled Balconies		
→ Deducted measure when using a 90 degree angle profile	42 mm	-+ 1mm Tolerance
→ Deducted measure when using a 135 degree angle profile	30 mm	-+ 1mm Tolerance

When Using a Profile Compatible with Every Angle				
→ System (Frame profile) Angles	91°- 120°	121°- 150°	151°- 179°	
→ Deducted measure	49 mm	36 mm	27 mm	-+ 1mm Tolerance

Base Profile Calculation

The Dimension to be deducted from the glass For All Profiles from Right and Left is 16+16= 32mm
-+ 1mm Tolerance