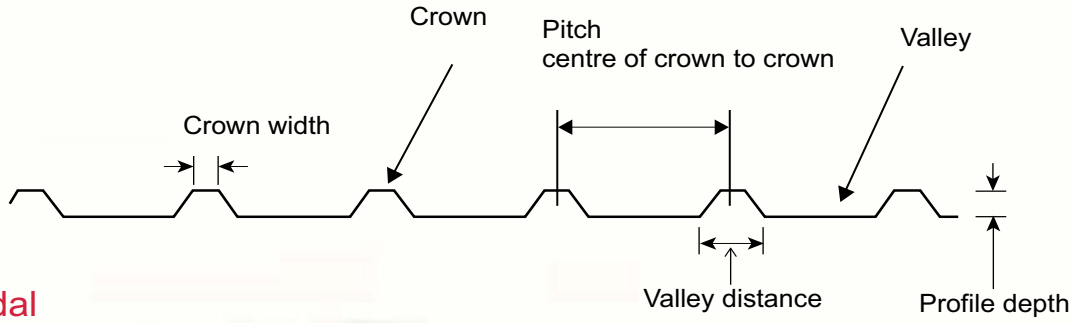


# EJOT<sup>®</sup> code for solar fasteners



## Trapezoidal

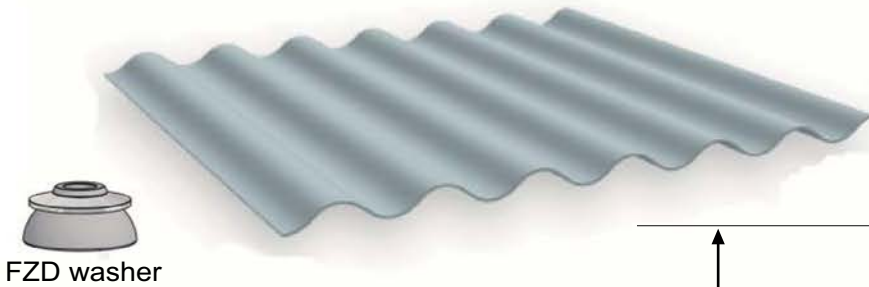
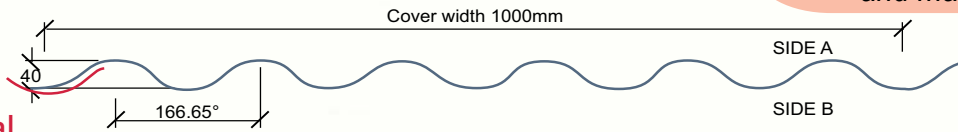


### Dimensions needed for correct Storm Washer

crown width	32mm
profile depth	40mm
valley distance	55mm

Or name of roof profile type and manufacturer.

## Sinusoidal



Top M10 set screw  
1.969" (50mm)

Profile of trapezoidal sheet to determine the Storm Washer size

"A" Overall roof buildup (crown to substrate)

100mm

Thickness of substrate

5mm

## Fastener length calculation

### Trapezoidal cladding

length of solar fastening system into steel = "A" + 20mm

length of solar fastening system into steel = 100 + 5 + 20mm

EJOT code = JZ3-SB-8.0 x 125/50 - E16 EJOT ORKAN Storm Washer to suit profile or standard sealing element FZD

### Corrugated cladding

length of solar fastening system into steel = "A" + substrate + 20mm

length of solar fastening system into steel = 100 + 5 + 20mm

EJOT code = JZ3-SB-8.0 x 125/50 FZD

(Select nearest length equal to, or next longer length from brochure)

# EJOT<sup>®</sup> code for solar fasteners

EJOT Solar Fastening Systems JA3 – for Wood Substructure				EJOT Solar Fastening Systems JZ3 – for Metal Substructure			
Calculate <b>L</b> (Length of the lower part of the fastener)				Calculate <b>L</b> (Length of the lower part of the fastener)			
			Inches				Inches
1. Height (depth) of the metal roof profile (crown or corrugation)				1. Height (depth) of the metal roof profile (crown or corrugation)			
2. Thickness of additional layers (consistent)				2. Thickness of additional layers (consistent)			
3. Substructure screw-in depth (1.26")				3. Height of sealing element (.25")			
4. Height of sealing element (.25")		+	<b>1.55</b>	4. Additional (.79")		+	<b>1.04</b>
5. Additional (.04")							
			<b>L =</b>				<b>L =</b>

Select the appropriate fastener based on <b>L</b> calculated above EJOT offers 4 standard JA3 Solar Fastening Systems for Wood Substructure			Select the appropriate fastener based on <b>L</b> calculated above EJOT offers 4 standard JA3 Solar Fastening Systems for Wood Substructure		
If <b>L</b> falls between 2 standard sizes, the longer fastener must be used.			If <b>L</b> falls between 2 standard sizes, the longer fastener must be used.		
<b>L</b> <	EJOT Solar Fastening System	Total Fastener Length ( <b>L</b> + 1.969"/setscrew length)	<b>L</b> <	EJOT Solar Fastening System	Total Fastener Length ( <b>L</b> + 1.969"/setscrew length)
3.150 in.	<input type="checkbox"/> JA3-SB-8.0 x 80/50 FZD	5.3 inches	3.150 in.	<input type="checkbox"/> JZ3-SB-8.0 x 80/50 FZD	5.3 inches
5.118 in.	<input type="checkbox"/> JA3-SB-8.0 x 130/50 FZD	7.3 inches	4.921 in.	<input type="checkbox"/> JZ3-SB-8.0 x 125/50 FZD	7.1 inches
5.906 in.	<input type="checkbox"/> JA3-SB-8.0 x 150/50 FZD	8.1 inches	5.906 in.	<input type="checkbox"/> JZ3-SB-8.0 x 150/50 FZD	8.1 inches
7.874 in.	<input type="checkbox"/> JZ3-SB-8.0 x 200/50 FZD	10.0 inches	7.874 in.	<input type="checkbox"/> JZ3-SB-8.0 x 200/50 FZD	10.0 inches
If >7.874 in.	* Special Solution required		If >7.874 in.	* Special Solution required	

Please contact us for availability of EJOT ORKAN Storm Washers as a substitute for the FZD.



## Trapezoidal cladding

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