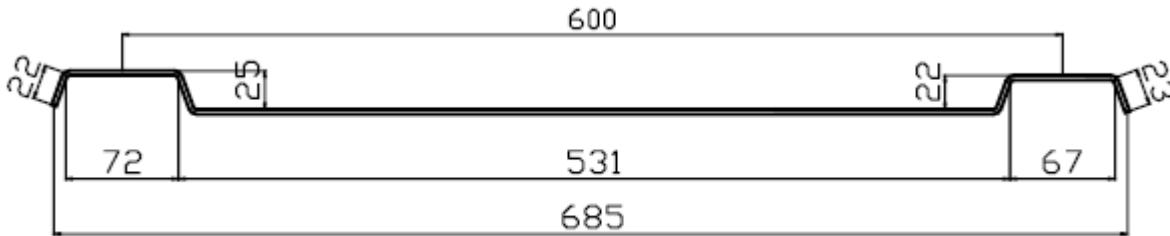


## EZ Glaze BH 60 LP Data Sheet: Purlin installation

Profile: EZ Glaze Co-extruded UV protection on one side (25-600-685).

### Profile Drawing



### General Properties

Profile (mm)	Thickness (mm)	Length (mm)	Overall width (mm)	Cover Width (mm)	Side-Lap (%)
600/25	2.8	1.8-7.2	685	600	12

### Load / Span Data

Maximum Roof Span (mm)		
Load (Kg/m <sup>2</sup> )	2.8 mm	
	Mid Span	End Span
75	1700	1275
100	1550	1160
125	1400	1050
150	1350	1010
175	1250	940
200	1200	900

- The specified dimensions do not supersede the requirements of local construction codes.
- Deflection criterion is L/20, and minimum slope of 5%
- The maximum load is based on calculation model and practical testing.
- The mentioned load refers to wind and snow load only.

### Curved Roof

- Minimum curving radius – 10 m.

**Typical Properties Property**

Property	Standard	Conditions	Unit	Value
Density	ASTM D792	-	g/cm <sup>3</sup>	1.2
Heat Deflection Temperature	ASTM D648	1.82 MPa	°C	130
Service Temperature (Short term)	-	-	°C	-50 to 120
Service Temperature (Long term)	-	-	°C	-50 to 100
Coefficient of Linear Thermal Expansion	ASTM D696	-	cm/cm °C	6.5 X 10 <sup>-5</sup>
Thermal Conductivity	ASTM C177	-	W/m K	0.21
Tensile Strength at Yield	ASTM D638	10 mm/min	MPa	62
Tensile Strength at Break	ASTM D638	10 mm/min	MPa	65
Elongation at Yield	ASTM D638	10 mm/min	%	7
Elongation at Break	ASTM D638	10 mm/min	%	>90
Tensile Modulus of Elasticity	ASTM D638	10 mm/min	MPa	2300
Flexural Strength	ASTM D790	1.3 mm/min	MPa	93
Flexural Modulus	ASTM D790	1.3 mm/min	MPa	2600
Impact Falling Weight (E-50)	ISO 6603/1	2.8mm sheet	J	158
Rockwell Hardness	ASTM D785		R Scale	125R
Light Transmission	ASTM D1003	Clear	%	87
Haze	ASTM D1003		%	<0.5
Yellowness Index	ASTM D1925			<1

\* Please refer to technical guide for more details.