

|  |  |
| --- | --- |
| **Charateristics SOLBAR Size A** | |
| Collector Type | Glazed flat plate collector |
| Collector Gross Dimensions | 1482mmX1010mm |
| Collector Thickness | 80mm |
| Gross Area | 1,5m2 |
| Collector Aperture Dimensions | 1430mmX959mm |
| Collector Absorber Dimensions | 1462mmX992mm |
| Collector weight without fluid | 22kg |
| Weight of liquid inside collector | 1,12kg |
| Maximum operation pressure | 10bar |
| **Glazing** | |
| Cover Thickness | 3,20mm |
| Cover material | Tempered safety glass |
| Glazing surface charecteristics | Mistlite |
| **Absorber** | |
| Design of the absorber plate | Tubes-Fins |
| Bond between riser and fin/plate | Ultasonic |
| Material of the absorbing surface | Selective Coating Aluminium |
| Absorbing surface plate thickness | 0,30mm |
| Cover - absorber distance | 25mm |
| Material of the risers and headers | Copper |
| Number of risers | 8 |
| External diameter of the risers | 8mm |
| Distance between risers | 120mm |
| Length of risers | 1380mm |
| Header length | 1020mm |
| Header outer diameter | 22mm |
| **Insulation** | |
| Back insulation material | Glasswool |
| Back insulation thickness | 30mm |
| **Frame Structure** | |
| Frame material | Aluminium profile |
| Thickness of the frame material | 1,00mm |
| Bak cover material | Galvanized steel sheet |
| Thickness of the back cover | 0,40mm |
| Sealing materials | Silicone / EPDM |



Certificate issued by Evetam SA: **MIRTEC1-01-2983CER24012000001**

✓

Quality Control Dep.