

## POLYCARBONATE MULTIWALL SHEETS

### TECHNICAL SPESIFICATIONS

| Specifications                 | Value    | Test Method          |
|--------------------------------|----------|----------------------|
| Density (gr/cm <sup>3</sup> )  | 1,2      | ISO 1183             |
| Water Absorption (%)           | 0.35     | ISO 62               |
| Tensile Modulus (Mpa)          | 2300     | ISO 527              |
| Using Temperatures °C          | -40/+120 |                      |
| Fire Rate                      | B-S1d0   | EN 13501             |
| Hail Resistance                | PASSED   | Internal test method |
| Vicat Softening Temperature °C | 145      | ISO 306              |

### PRODUCT FEATURES

|   |                             |
|---|-----------------------------|
| Thickness mm                            | 8                           |
| Number of Walls                         | 4                           |
| Width mm                                | 2100                        |
| Length mm                               | 6000 / 12000                |
| Weight g/m <sup>2</sup>                 | 1500/1600                   |
| U Value (w/m <sup>2</sup> K)            | 2,69*                       |
| Min. Cold Bending Radius (mm)           | 1200 MM                     |
| Coefficient of Linear Thermal Expansion | 6,7x10 <sup>-5</sup> m/m•°C |
| Sound Reduction (dB)                    |                             |
| <b>Light Transmission %</b>             |                             |
| Clear                                   | 62                          |
| White                                   | 14                          |
| White Diff.                             | 50                          |
| Bronze                                  | 28                          |
| Grey                                    | 8                           |

\*These values are valid for minimum weight