



PRODUCT GUIDE

A virtually unbreakable plastic with very high impact strength. Perfect for glazing.



IMPEX®

EXTRUDED POLYCARBONATE SHEETS WITH EXCELLENT IMPACT STRENGTH

CHARACTERISTICS

- Excellent optical properties
- Easy to fabricate
- Exceptional performance at both low and high temperatures (from -40°C to +120°C)
- Excellent mechanical, thermal and electrical properties
- Virtually unbreakable in normal use
- **IMPEX® – UVP** with a both sides co-extruded UV protective layer, especially suitable for outdoor use
- Easy to vacuum form (pre-drying required) for **IMPEX®** standard grades
- Very good fire classification for thicknesses from 1.5 up to 6.0 mm according to EN 13501-1 (B-s1,d0) for **IMPEX®** standard grades as well as for **IMPEX® – UVP**

APPLICATIONS

IMPEX®

- Moulded containers, bowls and tubs
- Machine safety guards, vending machine fascias
- Vehicle and boat construction, aircraft (only for internal use)
- Safety glazing (sports centres, penal establishments and other buildings)
- Street and traffic signs
- Office machinery (covers, sight panels)
- Industrial construction
- Partition walls
- Advertising panels

IMPEX® – UVP

- Lighting covers
- Balcony glazing
- Glazed walkways
- Sound barrier walls
- Greenhouses and conservatories
- Doors and windows
- Canopy roofs and barrel vaults

PROCESSING

- | | |
|---------------------|---------------------------|
| ■ Printing | ■ Stamping |
| ■ Laminating | ■ Bonding |
| ■ Sawing | ■ Welding |
| ■ Drilling | ■ Hot and cold bending |
| ■ Thread cutting | ■ Thermoforming |
| ■ Milling | ■ Straight vacuum forming |
| ■ Water jet cutting | ■ Drape forming |
| ■ Polishing | ■ Tempering |

