

The FOREX® range of expanded rigid sheet materials

The FOREX® range of expanded rigid sheet materials comprises four products:

- **FOREX®classic** the classic multi-purpose foam PVC sheet
- **FOREX®color** the solid-coloured display sheet for indoor use
- **FOREX®print** the bespoke printing and substrate sheet
- **FOREX®smart** the sign making and event marketing sheet

| | FOREX®classic | FOREX®color | FOREX®print | FOREX®smart |
|---------------------------------|--|---|--|--|
| Material | PVC | PVC | PVC | PS |
| Density | 1-4 mm: 700 kg/m ³ 5-19mm: 500 kg/m ³ | 575 kg/m ³ | 430 - 500 kg/m ³ | 200 kg/m ³ |
| Product type | multi-purpose sheet | solid-coloured display sheet | bespoke printing sheet | high rigidity lightweight sheet |
| Target applications | flagship product all display jobs (incl. fire rated) 3-dim. forming vertical cladding | indoor use only POS/POP applications interior design and shop fitting | flat use only economy grade printing jobs core material for composite panels | non fire rated only direct digital printing jobs lightweight vs. rigidity applications |
| Fire ratings | Germany: B1 France: M1 UK: Class 1 EU: B-s3-d0 USA: UL94-V0 | Germany: B1 (3 mm only) France: M1 | Germany: B1 France: M1 | USA: UI94-HBF |
| Weatherability | 3 to 5 years outdoor | indoor use only resistant to humidity | 2 to 3 years outdoor | 2 to 3 years outdoor |
| Thicknesses | 1, 2, 3, 4, 5, 6, 8, 10, 13, 15, 19 mm | 3, 5 mm | 2, 3, 4, 5, 6, 8, 10 mm | 5, 10 mm |
| Colours | white | yellow dark yellow orange red blue dark blue green grey black | white | white black |
| Particularly recommended | everywhere and always when a free-foamed PVC sheet is the right choice | if solid-coloured sheets are required if a modern colour range is required | if price is what counts most if one-sided printing is to be done | if direct digital printing is done if "non-PVC" material is required |