

## Maximum protection can be so easy



## High quality fabrics made in Switzerland

### Now available in 11 colors



### Advantages of Planofil

- Surprisingly light: 180g/m<sup>2</sup> (5.31 oz/yd<sup>2</sup>)
- High tear resistance
- Highly waterproof
- Optimum UV protection against weathering
- Space saving
- Easy to handle
- Dirt repellent
- Seawater resistant
- Low maintenance
- Translucent
- Flexible
- Excellent sun-protection factor (40+)
- Versatile
- Odorless
- Ecological PU coating

### Technical data

|                                                                                                                               |                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Tear resistance in accordance with DIN EN ISO 13934-1<br>- Maximum tensile force in daN<br>- Elongation in %                  | Warp: 120 daN / 270 lbf<br>Weft: 100 daN / 225 lbf<br>Warp: 30 daN / 67 lbf<br>Weft: 25 daN / 56 lbf |
| Initial tear resistance in accordance with DIN EN ISO 13937-1<br>- Elmendorf in cN                                            | Warp: 4000 cN / 9 lbf<br>Weft: 3200 cN / 7 lbf                                                       |
| Martindale abrasion in accordance with ISO 12947-2 (12kPa)<br>- Cycles                                                        | Coated: 100.000                                                                                      |
| Adhesion strength<br>- Scrubb test, 500 strokes                                                                               | no damage to the coating                                                                             |
| Heat test<br>90° C / 194 ° F, 72 hours<br>- Coating against fabric<br>- Coating against coating                               | no adhesive tendency<br>weak adhesive tendency                                                       |
| Water column in accordance with Schopper<br>- WC original                                                                     | > 200 cm / 79 in                                                                                     |
| Colorfastness<br>150 h Xenotest<br>- Coating<br>- Fabric<br>- silver                                                          | 7<br>7<br>6                                                                                          |
| Rub fastness<br>Chrockmeter, 12 strokes<br>- Coating dry side<br>- Coating wet side<br>- Fabric side dry<br>- Fabric side wet | 4 - 5<br>4 - 5<br>4<br>4                                                                             |
| Bally - Flexometer<br>- 30,000 strokes; at room temperature                                                                   | ok                                                                                                   |
| Spray test<br>- Fabric side<br>- Coating side                                                                                 | Score: 100<br>Score: 100                                                                             |
| Bundesmann<br>- Fabric side<br>- Coating side                                                                                 | Transmission: 0 ml / 0 fl oz<br>Transmission: 0 ml / 0 fl oz                                         |
| UPF<br>- Fabric UV transmittance                                                                                              | UPF: 40 +<br>(excellent sun protection)                                                              |
| Width                                                                                                                         | approx. 180 cm / 70,90 in                                                                            |