

# TECHNICAL DATA TENCATE CAMPSHIELD

The TenCate Camphield line of tent fabrics offers tent manufactures an innovative fabric with inherently flame retardant properties. Flame retardant textile material has an inhibitory effect on the forming and spreading of fire.

| Reference                           | Test method         | FR-1                     | FR-2                     |
|-------------------------------------|---------------------|--------------------------|--------------------------|
| Material                            |                     | PPAN-fr/CV/PVA-fr/PVA    | PPAN-fr/CV/PVA-fr/PVA    |
| Finish                              |                     | water- and dirtrepellent | water- and dirtrepellent |
| Width                               | ISO 22198           | 205 cm                   | 205 cm                   |
| Weight (+/- 5%)                     | ISO 3801            | 420 g/m <sup>2</sup>     | 290 g/m <sup>2</sup>     |
| Tensile strength                    | ISO 13934-1         |                          |                          |
| Warp (5 cm)                         |                     | 150 daN                  | 95 daN                   |
| Weft (5 cm)                         |                     | 100 daN                  | 85 daN                   |
| Tearing strength                    | ISO 13937-1         |                          |                          |
| Warp (4,3 cm)                       |                     | 5 daN                    | 2,2 daN                  |
| Weft (4,3 cm)                       |                     | 2 daN                    | 1,5 daN                  |
| Dimensional change in wet condition | NFG 07-052          |                          |                          |
| Warp                                |                     | - 4 %                    | - 4 %                    |
| Weft                                |                     | - 0,5 %                  | - 0,5 %                  |
| Watercolumn*                        | ISO 811             | 40 cm                    | 25 cm                    |
| Colour-weather fastness             | ISO 105 B04         | ≥4                       | ≥4                       |
| Flame Retardant Standards           |                     |                          |                          |
| Germany                             | DIN 4102 Class B2   | ✓                        | ✓                        |
| England                             | BS7837              | ✓                        | ✓                        |
| France                              | NFP 92-503 M2       | ✓                        |                          |
| Italy                               | CSE FRI-75A Class I | ✓                        | ✓                        |
| United States                       | CPAI-84 / NFPA 701  | ✓                        |                          |

Please note that if you combine materials, such as ground sheet, mud skirts, windows, zips, etc., then you run the risk that these products may have an adverse effect on each other. This is your own responsibility and we therefore advise you to carry out extensive tests beforehand, if possible.

\*The water column value is an average value. Individual measurements can deviate + and - 15% from this average. These deviations in individual parties have no (negative) influence on the water repellent or water permeable properties of the fabric.

