

ALPHA FIRESCREEN 3200-2-SP(SC)

Description

ALPHA FIRESCREEN 3200-2-SP(SC) is a medium weight fibre glass fabric with a specially formulated aluminium pigmented and fire retardant polymer which provides a heat reflecting surface as well as other properties for the manufacturing of smoke and fire curtains, blinds, cavity wall fire barriers and other types of smoke and fire control systems. The material is halogen free, has an improved resistance to hydrolysis and offers a more rigid handle.

| Base Fabric | | Technical Data | | Tolerance | Test Methods |
|------------------------|--|---|--|---|-----------------|
| Yarn | Warp Weft | EC9 -136 EC9 -136 | | ± 5% | DIN EN 12654 |
| Thread Count | Warp Weft | 18.6 per 1 cm 11.0 per 1 cm | | ± 5% | DIN EN 1049 |
| Tensile Strength | Warp Weft | 1080 N/cm 640 N/cm | | | DIN EN 12654 |
| Weight | | 415 g/m ² | | ± 5% | DIN EN 12127 |
| Weave | | 4 Shaft Satin | | | DIN ISO 9354 |
| Coated Fabric | | | | | |
| Coating | Fire retardant polyurethane with added aluminium pigment on both sides | | | | |
| Weight | | 455 g/m ² | | ± 10% | DIN EN 12127 |
| Thickness | | 0.40 mm | | ± 10% | DIN ISO 4603/E |
| Tensile Strength | Warp Weft | 650 N/cm 580 N/cm | | min. min. | DIN ISO 4606 |
| Thermal Conductivity | | 0.1011 W / m K | | | DIN 52612 1 / 2 |
| Thermal Resistance | | 0.0046 m ² K / W | | | DIN 52612 1 / 2 |
| Temperature Resistance | | -36 to 150 ° C | | Tolerates 180 ° C for short periods Glass fibre fabric maintains integrity up to 600 ° C | |
| Approvals | | A2-s1,d0 Class 0 See BG Nr. 119.122 | | DIN EN 13501-1 BS 476 Part 6: 1989, Part 7 1997 MO Res A.653 FTP Code Annex 1, Part 2 | |

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