

Technical Data Sheet

Glass fiber mesh 03-15; 03-15/110

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|----------------------------|---|
| Product description | Armored fabric |
| Application | Reinforcing mesh for extremely demanding tasks (e.g. base area of buildings) |

Technical properties

| | | |
|--------------------------------|------------------------------|----------------------------------|
| Area mass (impregnated) | 320 g/m ² ± 5 % | |
| Ash content | (84 ± 4) % | |
| Organic content | (16 ± 4) % | |
| Tensile strength | In state of delivery: | After aging (ETAG004): |
| Warp direction | ≥ 45 N/mm | ≥ 40% ¹ und ≥ 25 N/mm |
| Weft direction | ≥ 45 N/mm | ≥ 40% ¹ und ≥ 25 N/mm |
| Elongation at break | In state of delivery: | After aging (ETAG004): |
| Warp direction | ≤ 5,5 % | ≤ 3,5 % |
| Weft direction | ≤ 5,5 % | ≤ 3,5 % |
| Heat of combustion | 5,47 MJ/kg | |

Dimensions

| | |
|-------------------------|---------------------------------|
| Mesh opening | |
| Warp direction | (6,0 ± 0,5) mm |
| Weft direction | (8,5 ± 0,5) mm |
| Average Meshsize | |
| Warp direction | (9,0 ± 0,5) mm |
| Weft direction | (12,5 ± 0,5) mm |
| Mesh width | 1.000 mm ± 1 % / 1.100 mm ± 1 % |
| Mesh thickness | (0,9 ± 0,2) mm |
| Weaving accuracy | pass |

¹ according to EAD 040016-01-0404 point 2.2.7 at least 40% for armored fabric