

# Technical data sheet – Marine



## SC Roll 16 Alu1 (KT-AL)

Updated: 6.5.2021

### Application field

Main application is as thermal insulation of decks and bulkheads.

### Material

The product is a soft glass wool mat, faced with aluminium laminate and packed in rolls. Product has very high compressibility and can be compressed to 1/4 of its nominal volume. The product has a width of 1200 mm. Product is treated with water-repulsion substance. Insulating material is non-organic and chemically neutral and does not contain corrosive agents.

### Nominal density

16 kg/m<sup>3</sup>

### Thermal performances



|                    |       |    |     |     |     |     |     |     |
|--------------------|-------|----|-----|-----|-----|-----|-----|-----|
| T [°C]             | 10    | 50 | 100 | 200 | 300 | 400 | 500 | 600 |
| $\lambda$ [W/(mK)] | 0,037 | -  | -   | -   | -   | -   | -   | -   |



MST °C

150 °C

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## Fire reaction



Non-combustible material A1/3.13

## Marine certicates

22995/B1 EC, valid 16.12.2020

Product KT: 10001/F0 MED, valid 25.6.2025

Product KT: U.S Coast Guard 164.109/EC2690, valid 25.6.2025



## Facing

One side faced with aluminium laminate.

## Dimensions / packaging

Pressed rolls in plastic bags on pallet. Anti-flame classification plastic.

| Thickness<br>[mm] | Width<br>[mm] | Length<br>[mm] | Contents<br>[m2/pck] | Contents<br>[m2/pallet] |
|-------------------|---------------|----------------|----------------------|-------------------------|
| <b>50</b>         | <b>1200</b>   | <b>13000</b>   | <b>15,60</b>         | <b>234,00</b>           |
| 75                | 1200          | 8400           | 10,08                | 151,20                  |
| <b>100</b>        | <b>1200</b>   | <b>6300</b>    | <b>7,56</b>          | <b>113,40</b>           |
| 125               | 1200          | 5000           | 6,00                 | 90,00                   |
| 150               | 1200          | 4200           | 5,04                 | 75,60                   |

Stock items 50 and 100 mm.