



U SeaProtect Roll 24 V2

Rolls glass veil faced – Density 24 kg/m³

ULTIMATE mineral wool provides a unique high-performance profile: It combines safety, comfort and ease of handling.



FIRE RESISTANCE

ULTIMATE provides effective fire resistance, but also very good performance in reaction to fire



THERMAL INSULATION

Excellent thermal insulation combined with unique efficiency



SOUND ABSORPTION

Improved acoustic comfort due to its excellent sound absorption and sound insulation properties



LIGHTWEIGHT

Increase insulation - reduce weight
ULTIMATE combines high fire & thermal performance with very low weight



| CHARACTERISTIC | SYMBOL | UNIT | QUANTITIES AND DECLARED VALUES | | | | | | STANDARD |
|----------------------|----------------|-----------|--|-------|-------|-------|-------|-------|-----------|
| Thermal conductivity | T | [°C] | 10 | 50 | 100 | 150 | 200 | 300 | EN 12667 |
| | λ_{NR} | [W/(m·K)] | 0.034 | 0.040 | 0.049 | 0.062 | 0.080 | 0.124 | |
| Thermal behaviour | T | [°C] | Exposure to temperature up to 400 °C (depends on density) is possible on the unfaced side, but the thickness of the insulating layer has to be correctly dimensioned so that the faced side is exposed to a maximum of 100 °C. From 150 °C on the binder starts to volatilise. | | | | | | AGI Q 132 |

| CHARACTERISTIC | SYMBOL | UNIT | THICKNESS | VALUES | STANDARD |
|------------------------|------------|------|-----------|--------|----------|
| Sound absorption value | α_w | - | 50 mm | 1.00 | - |
| | | | 100 mm | | |

| CHARACTERISTIC | SYMBOL | UNIT | QUANTITIES AND DECLARED VALUES | VALUES | STANDARD |
|----------------------|----------|------------|--------------------------------|--------|--------------|
| Air flow resistivity | σ | [KPa·s/m²] | Density 24 kg/m³ | 15 | DIN EN 29053 |

| CHARACTERISTIC | SYMBOL | UNIT | QUANTITIES AND DECLARED VALUES | STANDARD |
|--|--------|-----------|---|-----------------------------|
| Specific thermal capacity | c | kJ/(kg·K) | 1.03 | - |
| Reaction to fire | - | - | Melting point according to DIN 4102, part 17: ≥ 1000 °C Non combustible according to IMO-Resolution Homologated for shipbuilding according to EC Type Examination Certificates Nr.: MED-B+D Certificate = visit our website | DIN 4102 IMO |
| Chemical behaviour | - | - | Sulphide free | - |
| Application field | - | - | Thermal insulation, acoustic insulation and fire protection constructions in shipbuilding | - |
| Material | - | - | Mineral wool with quality mark RAL by the Gütegemeinschaft Mineralwolle e.V, unriskey regarding health according to German decree on dangerous substances, decree on prohibition of chemicals and to Regulation (EC) N°1272/2008 | - |
| Facing | - | - | U SeaProtect Rolls V2 are faced with black glass tissue | - |
| Water vapour diffusion resistance factor | μ | - | - 1.0 | EN 12086 |
| Quality management | - | - | ISOVER is certified according to DIN EN ISO 9001 and DIN EN ISO 14001 | EN ISO 9001 EN ISO 14001 |

DELIVERY FORM: STANDARD DIMENSIONS / PACKAGING INFORMATION*

| THICKNESS D [MM] | WIDTH B [MM] |
|------------------|--------------|
| 100 | 1200 |
| 120 | 1200 |
| 30 | 1200 |
| 40 | 1200 |
| 50 | 1200 |
| 60 | 1200 |
| 80 | 1200 |

* All dimensions require minimum order quantities / other dimensions on request.



www.isover-technical-insulation.com

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