



**chemical
products**
insulation solutions

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TECHNICAL DATASHEET OF MINERAL STONE WOOL LAMELLA MAT **ISOLLAM**

1. Physical and chemical characteristics

1.1. Thickness:	25÷120 mm
1.2. Length:	1000 mm ± 1 %
1.3. Density:	40, 50, 60, 80. 100 kg / m ³ ± 10%
1.4. Thermal conductivity - λ _{10°C} :	0,034
1.5. Fire reaction EN 13501 for mineral wool	A1, Non-combustible
1.6. Maximum service temperature:	max. 250 °C
1.7. Melting temperature:	> 1000 °C
1.8. Mineral acid resistance (HCl 20%, 10 min)	about 85%
1.9. Specific heat capacity	0.084
1.10. Heat resistance at 10°C, m ² .K/W:	0,88
1.11. Compressive stress or strength, at 10% deformation, kPa:	1,6
1.12. Organic content, % :	3,3