

Promat

PROMAGLAF®-WB ALU Non-Combustible Stone Wool Needled Felt



www.promat-marine.com



etex industry



Introduction

PROMAGLAF®-WB ALU is a flexible stone wool needled felt; it is compact and free from binders and coated on one side with reinforced aluminium foil. PROMAGLAF®-WB ALU has excellent tear resistance and is particularly appropriate for marine applications, where both high acoustic and thermal performance is required.

Advantages

- Easy to install
- High acoustical performances
- Available in different densities & dimensions

Applications

- Engine rooms
- Acoustical absorption
- Thermal insulation

Quality Assurance

Promat products are manufactured to stringent quality control systems to assure that our customers receive materials made to the highest standards.

Operating to these standards means that all activities, which have a bearing upon quality, are set out in written procedures.

Systematic and thorough checks are made on all materials and their usage. Test equipment is subjected to regular checks and is referred back to national standards.

The information given in this data sheet is based on actual tests and is believed to be typical of the product. No guarantee of results is implied however, since conditions of use are beyond our control.

Physical and technical properties

Designation	Stone wool
Colour	Brown/Aluminium foil face
Nominal density	130-180kg/m ³ ± 10%
Service temperature (EN 14706)	700°C
Fibre melting point	> 1000°C
Weighted geometric mean fibre diameter less 2SD	> 6µm
Organic content	≤ 0.03%
Thermal conductivity at average temperature of:	
100°C	0.0536W/mK
200°C	0.0705W/mK
300°C	0.0942W/mK
400°C	0.125W/mK
500°C	0.162W/mK
600°C	0.206W/mK
700°C	0.253W/mK
Reaction to Fire DIR 96/98/EC as modified DIR 2009/26/CE	Certificate n° MED281911CS/003 - MED Item n° A.1/3.13 - USCG category n° 164.109
Acoustic performance - ISO 10532	See diagram in "Acoustic absorption" chapter

Rolls dimensions

Thickness (mm) ± 2 %	Length (mm) ± 3 %	Width (mm) ± 10 %
15	7500	1000
20	5500	1000
40	3000	1000

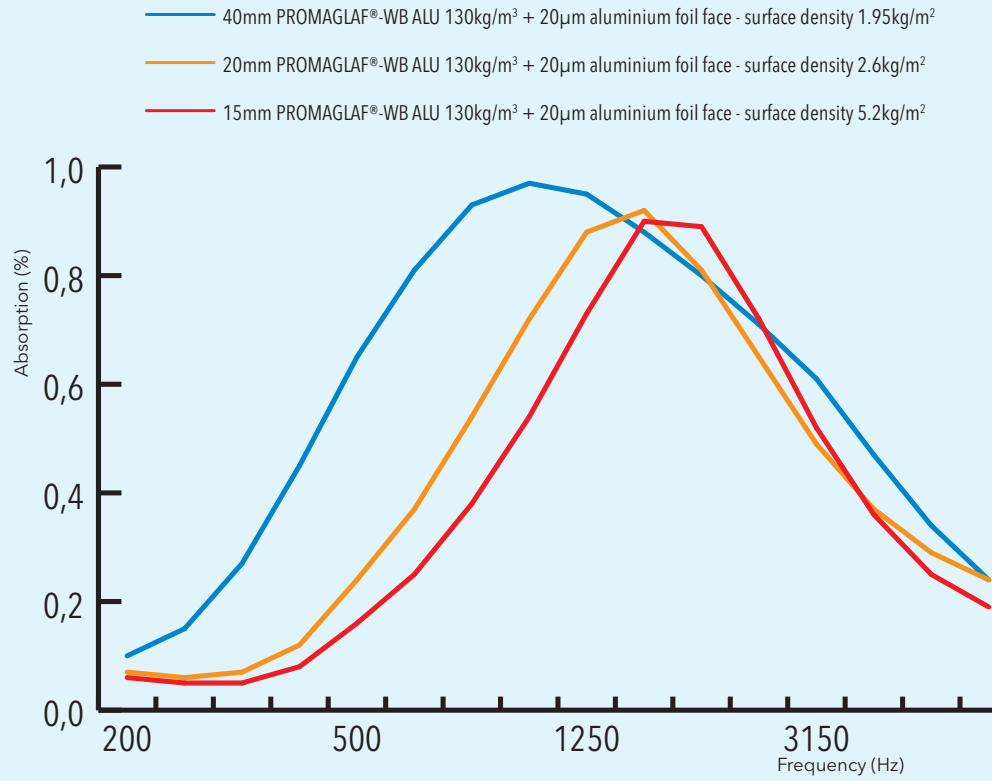
Workability

PROMAGLAF®-WB ALU can be easily manually cut and fixed using metal pins or adhesives from the PROMASEAL® range.



Acoustic Absorption

Acoustic Absorption of PROMAGLAF®-WB ALU - density of 130kg/m³ - 15, 20 and 40mm thicknesses
Evaluation according to ISO 10532



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