

**Rockwool Product
Information****Product Data Sheet 2.40
Marine Wired Mat 125 2.40.5****INTRODUCTION**

ROCKWOOL MARINE WIRED MAT 125 is a lightly bonded Rockwool mat made of non-combustible mineral wool faced on one side with 25mm galvanised wire mesh.

The most common application for ROCKWOOL MARINE WIRED MAT 125 is A-60 rated divisions on ships/modules. ROCKWOOL MARINE WIRED MAT 125 is also specially suited for high temperature insulation and fire protection of pipes and vessels.

ADVANTAGES

- Excellent thermal-, acoustic- and fire insulation
- Non-combustible
- Strong and flexible
- Chemically inert
- Vermin and rot proof
- Resists high temperatures
- Easy to handle
- Cost effective
- Maintenance free

DIMENSIONS

(Thickness x Width x Length)

30 x 600 x 4800 mm

40 x 600 x 3600

60 x 600 x 2400

Other dimensions can be supplied on request.

NOMINAL DENSITY

ROCKWOOL MARINE WIRED MAT 125: 125 kg/m³.

FACING

ROCKWOOL MARINE WIRED MAT 125 is supplied with a galvanised wire mesh stitched to one (or both) faces. Stainless steel mesh is available on request. ROCKWOOL MARINE WIRED MAT 125 can also be supplied with reinforced aluminium foil or fibreglass cloth (black or white 200 g/m²) on one side.

PACKING

Shrink-wrapped in PE-foil.

THERMAL CONDUCTIVITY (λ -value)

ROCKWOOL MARINE WIRED MAT 125

MEAN TEMP. °C	50	100	150	200
THERM. COND. W/mK	0,035	0,041	0,048	0,056
MEAN TEMP. °C	300	400	500	600
THERM. COND. W/mK	0,076	0,101	0,132	0,167

SERVICE TEMPERATURES

Maximum service temperature for Rockwool Firebatt is 750°C in industrial applications.

ROCKWOOL MARINE WIRED MAT 125 has been tested in applications exposed to the hydrocarbon fire time/temperature curve.

The stone fibres in Rockwool mineral wool have a high natural resistance to fire and can withstand temperatures of more than 1000°C.

FIRE

Rockwool Marine Wired Mat 125 is classified as non-combustible when tested according to IMO Res. A 799(19) and BS 476:4.

WATER

Impregnated Rockwool mineral wool is water-repellent, and absorbs water only when the latter is pressed or forced into the product.

Rockwool mineral wool will absorb only approx. 1% of its volume in moisture when tested according to BS 2972:75.

The content of hygroscopic water in Rockwool mineral wool is only approx. 0,004% per volume at RH 95%.

Diffusion rating is approx. 0,14 kg/m.s.GPa.

CORROSION

Since Rockwool mineral wool is made of practically non-alkaline materials, it does not react chemically and consequently does not promote corrosion.

ENVIRONMENT

No CFSs or HCFCs are used in the manufacturing of Rockwool products.

QUALITY ASSURANCE

A/S Rockwool has a well established and operating quality control system, and the system has been certified to meet the requirements in NS-ISO 9001.

A/S ROCKWOOL

reserves at all times the right to alter the product specifications of the products without notice due to process improvements. The technical information is therefore to be used only as a guide.

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