

**Rockwool Product
Information****Product Data Sheet 2.40**
Marine Slab 60/80 2.40.3**INTRODUCTION**

ROCKWOOL MARINE SLAB 60/80 is batts of non-combustible mineral wool specially suited for comfort insulation.

The lightweight of Rockwool Marine Slab 60/80 makes them ideal for situations where reduction in weight is important.

The most common application for Rockwool Marine Slab 60/80 is thermal- and sound insulation in industry, ships and offshore constructions.

ADVANTAGES

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

DIMENSIONS

L x W 900 x 600 mm
Thickness 30 - 150 mm

Other dimensions can be supplied on request.

NOMINAL DENSITY

ROCKWOOL Marine Slab 60: 60 kg/m³
ROCKWOOL Marine Slab 80: 80 kg/m³

FACING

ROCKWOOL Marine Slab 60/80 can be supplied with a reinforced aluminium foil on one side.

PACKING

Shrink-wrapped in PE-foil.

THERMAL CONDUCTIVITY (λ -value)

ROCKWOOL Marine Slab 60: $\lambda_{10} = 0,034$ W/Mk
ROCKWOOL Marine Slab 80: $\lambda_{10} = 0,036$ W/mK

SERVICE TEMPERATURES

Marine Slab 60/80 can be used in continuous service at temperatures up to 250 ° C.

The stone fibres in Rockwool mineral wool have a high natural resistance to fire and can withstand temperatures of more than 1000 ° C without melting.

FIRE

Rockwool Marine Slabs are classified as non-combustible when tested according to ISO 1182 and IMO Res. A 799(19).

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 hygroscopic water content 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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