

**Rockwool Product  
Information****Product Data Sheet 2.40**  
**Marine Slab 140 2.40.9****INTRODUCTION**

ROCKWOOL MARINE SLAB 140 is a high density slabs of non-combustible mineral wool specially made to combine the requirements for vibration damping and compression strength in floating floors.

The common application for ROCKWOOL MARINE SLAB 140 is floating floors on ships and offshore constructions.

**ADVANTAGES**

- Good thermal, sound- and fire insulation
- Non-combustible
- Rigid
- Chemically inert
- Vermin and rot proof
- Resists high temperatures
- Easy to handle and cut
- Cost effective
- Maintenance free

**DIMENSIONS**

L x W: 1200 x 600 mm  
Thickness: 30 – 60mm

Other dimensions can be supplied on request.

**NOMINAL DENSITY**

ROCKWOOL MARINE SLAB 140: 145 kg/m<sup>3</sup>

**PACKING**

Shrink-wrapped in PE-foil.

**THERMAL CONDUCTIVITY ( $\lambda$ -value)**

$\lambda_{10} = 0,036$  w/Mk.

**COMPRESSION RESISTANCE**

(Typical data)

ROCKWOOL MARINE SLAB 140: 10 % deformation at 25 kPa

**SERVICE TEMPERATURES**

ROCKWOOL MARINE SLAB 140 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 SLAB 140 is 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 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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