

**Rockwool Product
Information****Product Data Sheet 2.40**
Marine Firebatts 120 2.40.4**INTRODUCTION**

ROCKWOOL Marine Firebatts 120 is slabs of non-combustible mineral wool specially impregnated to provide maximum fire protection. They are ideally suited for fire protection and thermal insulation of industrial, marine and offshore installations.

The lightweight of Rockwool Firebatts makes them ideal for situations where reduction in weight is important, for example in offshore applications.

The most common applications for Marine Firebatts 120 are fire insulation of bulkheads, decks on ships and offshore constructions, and thermal insulation of equipment operating at high temperatures.

ROCKWOOL Marine Firebatts 120 is also used for fire protection of large vessels and equipment.

ADVANTAGES

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

DIMENSIONS

L x W 900 x 600 mm
T 30 - 150 mm for Marine Firebatts 120

Other dimensions can be supplied on request.

NOMINAL DENSITY

Marine Firebatts 120: 120 kg/m³

FACING

Rockwool Firebatts can be supplied with a reinforced aluminium foil on one side.

THERMAL CONDUCTIVITY (λ-value)

Marine Firebatts 120

MEAN TEMP. °C	50	100	150	200
THERM. COND. W/Mk	0,040	0,045	0,051	0,057
MEAN TEMP. °C	300	400	500	600
THERM. COND. W/Mk	0,075	0,099	0,130	0,170

PACKING

Shrink-wrapped in PE-foil.

SERVICE TEMPERATURES

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

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 Firebatts 120 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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