

TEFROLITH® M

Insulating Ship-Floor

For A-class 60 divisions, underlay for floor coverings in accommodation, not for wet areas

Insulating floating construction on mineral wool slabs Marine-Slab 140.

Generally TEFROLITH M® has to be separated from any metallic parts or steel-deck.

Properties:

- low weight
- excellent thermal-insulation
- excellent sound-insulation
- non-combustible, Type A-60
- also in combination with TEFROTEX® VISCOELASTIC plus steel-plates.

Preparation of Substructure:

All deck areas are treated with a corrosion protection system.

Fire Rating:

TEFROLITH® M complies with FTP-Code, Part 3.

Technical Data:

Standard built-up:

Marine Slab 140	30 mm
TEFROLITH® M	
weight distributing layer	25 mm
total	55 mm

Density:

Marine Slab 140	approx. 0,14 kg/ m ² / mm
Tefrolith-M	approx. 1,3 kg/ m ² / mm

Weight of the construction approx. 37,0 kg/ m²

Strengths:

measured on 4 x 4 x 16 cm prisms -
after 28 days

Compressive strength:	approx. 30 N/ mm ²
tensile strength:	approx. 7 N/ mm ²
k-value:	approx. 0,8 W/ (m ² · K)

Sound insulation values: see test report of
Ødegaard & Danneskiold-Samsøe A/S,
Consulting-Engineers – Noise and Vibration,
Copenhagen/Denmark

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