

Marine VE 1400 - Concrete



Product description

Marlon Marine VE 1400 - Concrete, is a sound-damping visco-elastic system to be build up with a constrained layer of e.g. Marlon Marine 1600 SL. Together with our visco-elastic Marlon Marine VE 1400, this system gives an excellent noise and vibration damping of noise sources such as propellers, propellers, pumps, generators, etc. with a very high loss factor over a wide temperature and frequency. Marlon Marine - concrete system meets all requirements according to IMO FTP Code 2010 part 5.

Product advantages

- Excellent adhesion to pre-treated steel-, aluminum and galvanized decks
- Open for foot traffic after 8-10 hours (20°C/68°F)
- Easy to apply
- Levelling of the deck

Surface preparation

The surface must be clean, free from dust, grease, oils and other substances, which may impair the adhesion. For the application on aluminum or decks coated with a zinc rich shop primer, wash primer or another suitable tie coat is required before applying Marlon Marine VE 1400 visco-elastic.

Application

One set of Marlon Marine VE 1400 component A (base material) is mixed together with Marlon Marine VE 1400 component B (hardener) for approx. 2-3 minutes by using an electrical mixer, ensure that the components are mixed completely. Pour the mixed Marlon Marine VE 1400 visco-elastic product onto the surface by using a notched trowel in size of 2-4 mm. (0.08-0.16 in) to get a finish layer thickness of 1-2 mm. (0.04-0.08 in) depending on requirement. Before Marlon Marine VE 1400 is completely dry (then surface is still sticky) a thin layer of coarse sand must be strewn on top of the Marlon Marine VE 1400, like sand paper, to provide a good adhesion between the visco-elastic layer of Marlon Marine VE 1400 and e.g. Marlon Marine 1600 SL as constrained layer. The mixed Marlon Marine VE 1400 product must be applied within approx. 15 min. at 20°C/68°F (80 % RH).

Do not use the product below 5°C/41°F

Important

It is important that one bucket of base material and one can of hardener is mixed directly together.

Notice

The recommendations relating to the application and end use of Marlon Marine products are given in good faith based on our current knowledge and experience. The information and recommendations are given without warranty of any kind and does not lead to any further liability for Marlon Marine, besides what is stated in the sales agreement. It is the buyer or end-user's responsibility to investigate or in other way make sure that Marlon Marine's product are suitable for the intended use and further are stored, handled and applied in accordance with stated directions. All orders are delivered and accepted in accordance with Marlon Marine's general conditions of sale.



Product information

Material consumption

Marlon Marine VE 1400:

1.35 kg/mm/m² (7.01 lb/inch/ft²).

Marlon Marine 1600 SL:

1.6 kg/mm/m² (8.31 lb/inch/ft²).

Application temperature

5-35°C (41-95°F).

Walkable

8-10 hours at 20°C/68°F and 80 % RH.

Pot life

15-20 minutes at 20°C/68°F and 80 % RH.

Shelf-life

Min. 12 months in unopened packaging.

Storage

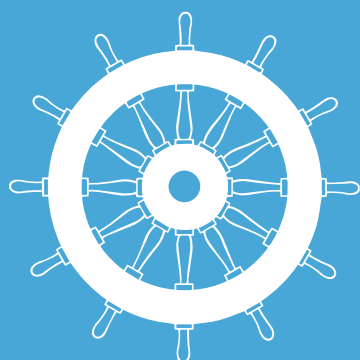
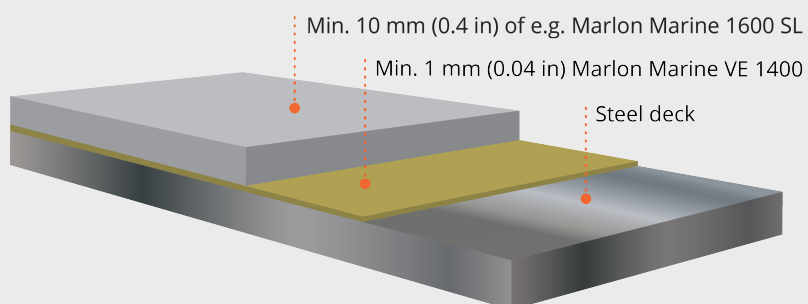
In dry conditions, do not expose to moisture and freezing temp.

Packaging

Set of 13,5 kg (29,76 lb)

Information

Version 05.19 replace -



A solid solution

