

DLP Floating Floor (A60) *Floating and sound reduction floor*

Product description

DLP Floating Floor is a deck covering system for reduction of both airborne, structure borne and impact noise. DLP Floating Floor consists of minimum 50 mm SeaRox SL436 or Paroc Marine Slab 140, 3 mm steel plate, 1 mm PU-D20 Visco Elastic Damping Layer and 2 mm steel plate which together becomes a floating floor with an excellent sound reduction.

Surface preparation

Make sure that the steel deck is straight, otherwise before installation of the floating floor levelling of the steel deck is necessary.

Application

Cut to size and lay down the SeaRox/Paroc slabs on the steel deck with staggered joints and butted tight.

Cut to size and lay down the first layer of steel sheets directly on top of the SeaRox/Paroc slabs.

Before use the PU-D20 Component A and B must be thoroughly mixed together by using an electric hand mixer. Component B shall be poured into the component A can and then mixed.

Measure up the areas to be applied and trowel out a thin layer (1 mm) of PU-D20 Visco Elastic Damping Layer in the measured areas.

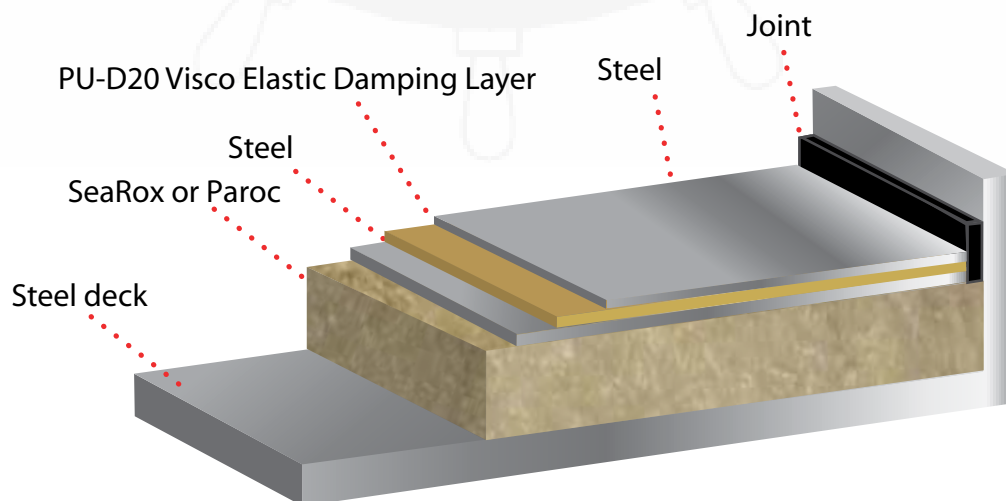
Cut to size and lay down the second layer of steel sheets directly in the wet PU-D20 Visco Elastic Damping Layer.

Drill 5 mm holes, c/c 250-300 mm, around all edges and 2-4 holes along the middle of the plates, countersink and rivet the sheets together, use pop rivets steel/steel to connect the plates

Alternatively self-tapping screws can be used.

Application of top layer

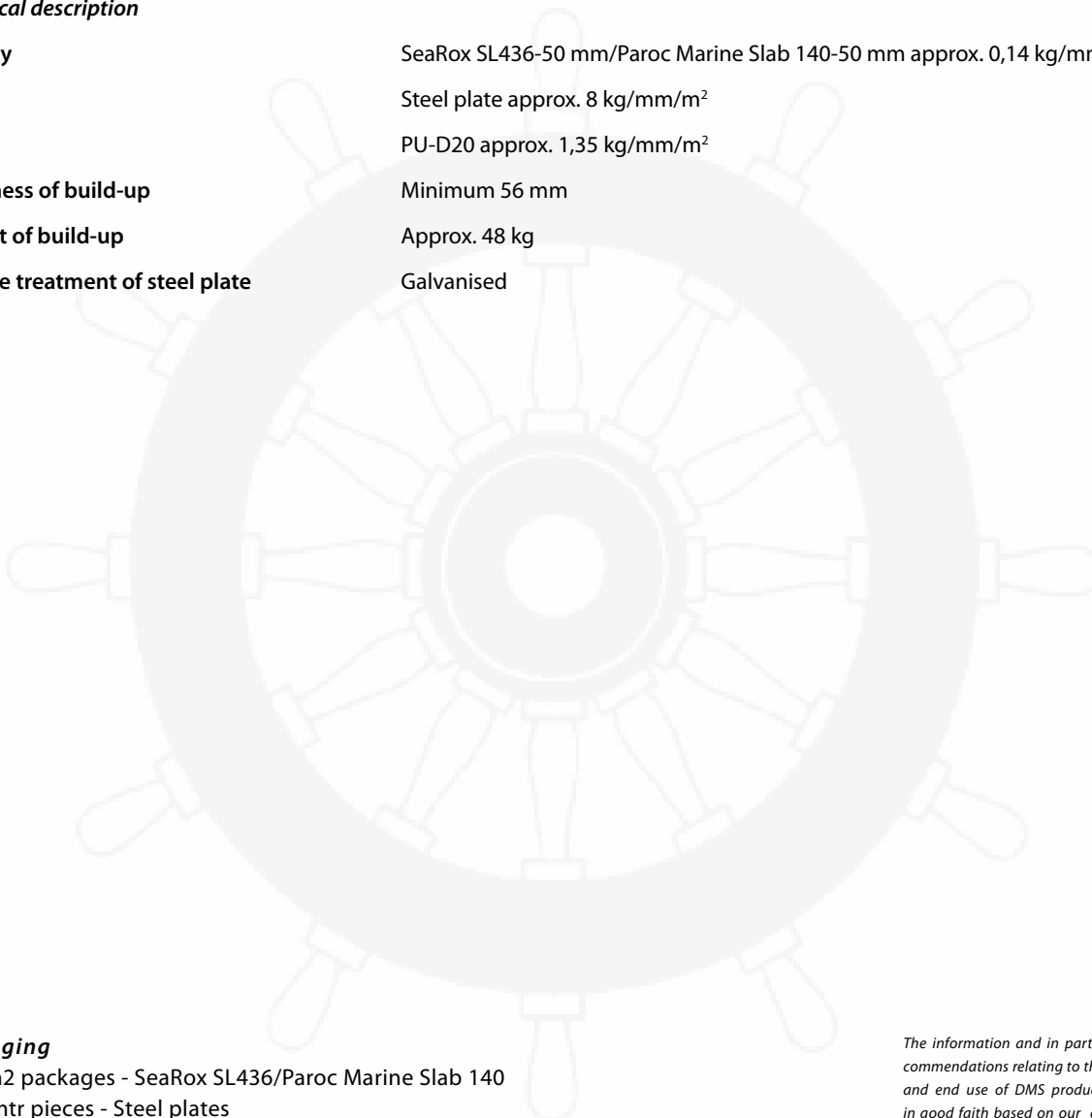
To provide a smooth surface for laying of vinyl or carpet, a thin layer of underlayment or sealing mastic must be applied over joints and rivets. Ceramic tiles shall be bonded by means of epoxy mastic adhesive, no additional underlayment is required.



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Technical description

Density	SeaRox SL436-50 mm/Paroc Marine Slab 140-50 mm approx. 0,14 kg/mm/m ² Steel plate approx. 8 kg/mm/m ² PU-D20 approx. 1,35 kg/mm/m ²
Thickness of build-up	Minimum 56 mm
Weight of build-up	Approx. 48 kg
Surface treatment of steel plate	Galvanised



Packaging

- 2,4 m² packages - SeaRox SL436/Paroc Marine Slab 140
- 1x2 mtr pieces - Steel plates
- 7,7 kg set or 18,4 kg set - PU-D20 Visco Elastic Damping Layer

Shelf-life

SeaRox SL436/Paroc Marine Slab 140 :	No limit
Steel plates :	No limit
PU-D20 Visco Elastic Damping Layer:	Minimum 12 months in unopened packaging.

Storage

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

For additional technical information, please contact our technical department.

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