

# PRODUCTS IN ACTION

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## Car Ferry from Hjørungavaag Verksted



Car ferry M.S. Torghatten

M.S. Torghatten is a car ferry built and operated in Norway. She has a novel design with superstructure and bowgates in a sandwich construction with DIAB core materials. The much lower weight of the sandwich structure topside means that the stability of the ship is much improved which can be used for a higher paying load.

The sandwich with Divinycell H-grade core material will in addition to the low structural weight provide integrated functions like thermal and acoustical insulation, excellent surface finish and low maintenance costs.

### Core material:

### Divinycell® H-grade

Description of sections	Sandwich weight
Wheelhouse:	2310 kg
Deckshouse on boatdeck:	2340 kg
Boatdeck:	9420 kg
Platform deck:	2160 kg
Bowgates (2 pcs):	4280 kg
Total sandwich weight:	20510 kg
(Total steel/alu weight:	48600 kg)

Manufacturer:

Hjørungavaag Verksted AS, Norway

Design:

Lund, Mohr & Giaever - Enger AS

