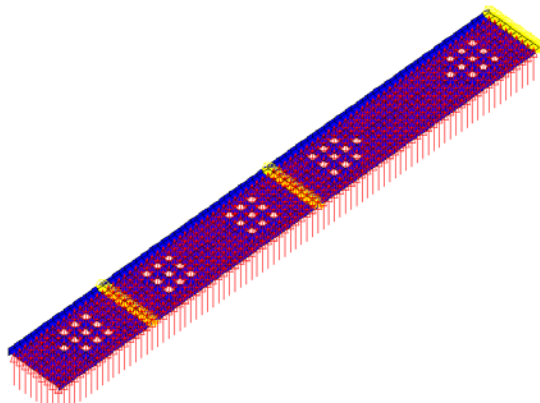


Composite Fairing

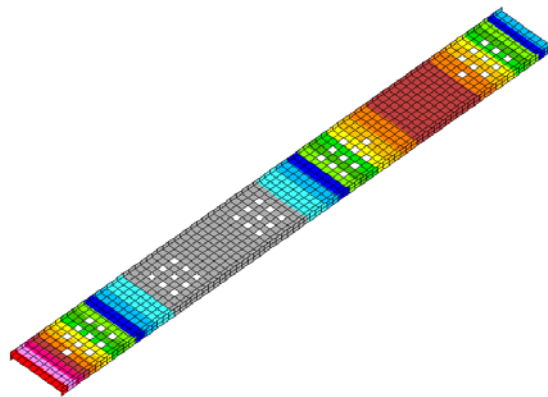
Client: Safetec Nordic AS

Evaluate the use of composite materials in fairing plates on Tyra West.

- Establish a theoretical overview of necessary laminate thicknesses for different span lengths, different pressure loads and different in-plane loads.
- Principal design of composite fairings
- Material selection
- Evaluation of different fire protection solutions
- Documentation



FE-model used for analyses



Deformation plot