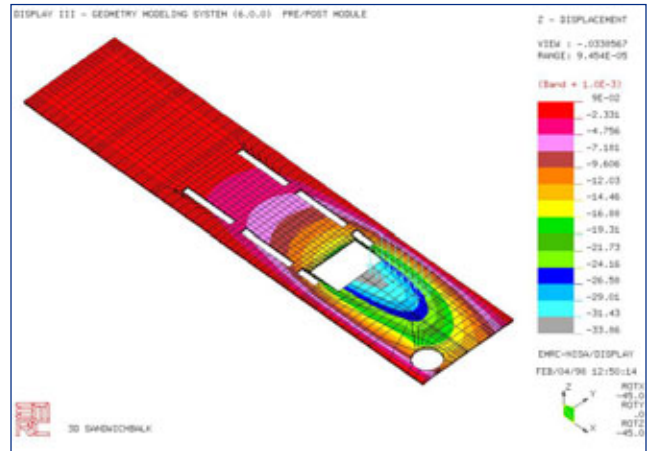


PRODUCTS IN ACTION

Bombardier Talent



The Talent family of multiple units is a new generation of diesel and electrical train sets. Designed specifically to meet the passengers' needs, all trains include large low-floor sections and low-floor entries.

The streamlined exterior and interior design of the Talent marked a turning point in the quality of regional and suburban rail services in Germany. Developed for optimum life-cycle costs, the lightweight steel/composite construction offers operating companies considerable economic advantages. At present, more than half a dozen varieties of the Talent are available, more than 179 train sets have already been ordered by various state-owned and privately-owned railways.

It is an intelligent solution where the low-floor concept in combination with the sandwich design of covering panels creates a spacious and comfortable interior. The front, sides and roof of the train is all made in a sandwich construction that provide integrated functions like thermal and acoustical insulation as well as an excellent surface finish. The roof is made with a Divinycell H60 core material in an innovative environmentally friendly closed manufacturing process. The result is a self-supporting roof section optimised for both low weight and excellent surface finish.

Core material:

Length:	48.3 m
Height:	2.9 m
Width:	3.7 m
Passengers:	up to 283
Speed:	120 km/h
Face material (roof section):	Glass fibre / Fibre retarded polyester
Manufacturing method:	VARIM (Vacuum Assisted Resin Infusion Moulding)
Manufacturer:	LM Glasfiber A/S
Structural Design:	DIAB Technical Services

Divinycell® H-grade delivered in kits

