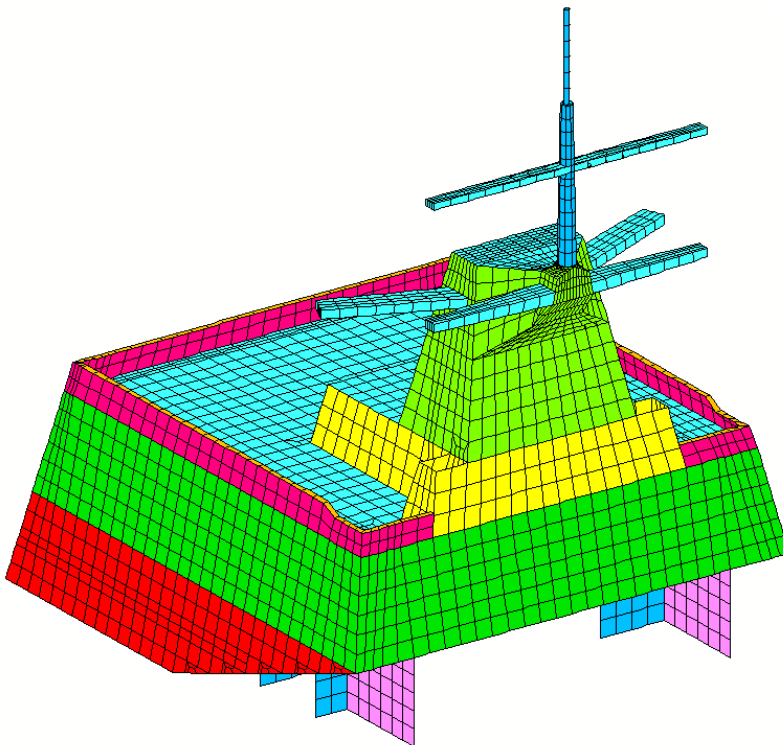
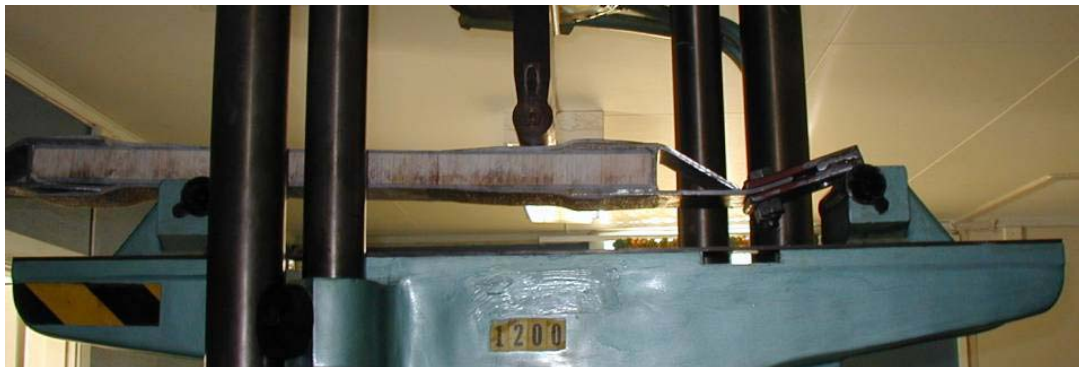


## Euclid RTP 3.21

- Application case Composite hangar superstructure
- Steel to composite joint design and testing
- Weapon induced threats – design of structural details
  - External blast (load and response)
  - Internal blast (load and response)
  - Fire protection strategy – industrial and weapon induced threats
- Small scale joint testing and validation
- Full scale test and verification of designed solutions for blast and fire



*Application case Composite hangar*



*Bending test of Metal to Composite joint*

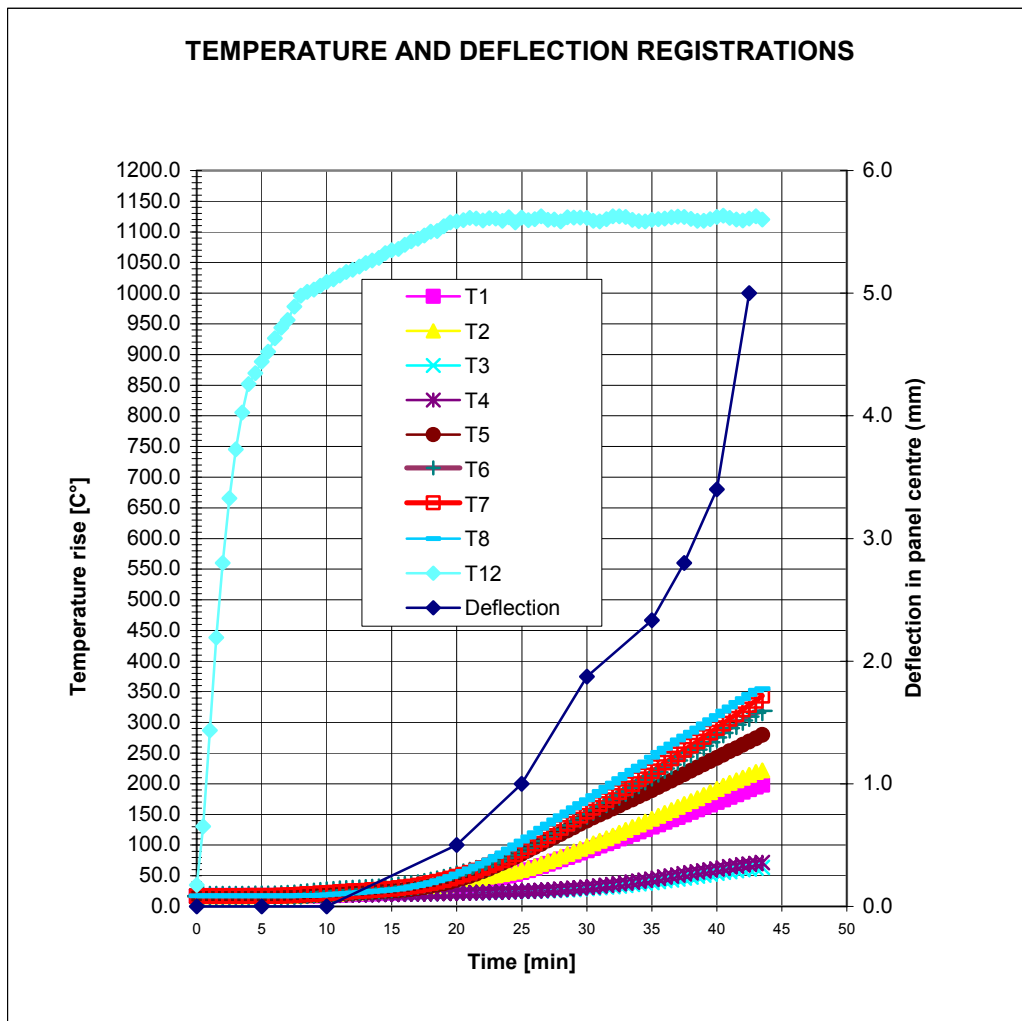
# Research



*Tensile testing of composite structure internal T-joint*



*Small-scale fire resistance test of composite sandwich plate with fire insulation*



*Typical fire resistance test results – temperature distribution + panel load deflection*