







Benchmarking numerical models



5

- Illustration through two physical tests
- Illustration through numerical models
- Comparison of numerical models with physical tests
- Key parameters in composite slab behaviour
 - Effect of leaving interior beams unprotected;
 - Rotational edge-restraint;
 - Bending stiffness of protected main and secondary edge beams;
 - Vertical deflection of protected edge beams;
- Usefulness of numerical modeling
 - · Identify key parameters that influence overall behaviour
 - Perform parametric studies
 - Lead to development of design guide































































