

CONVURT TEST RIG

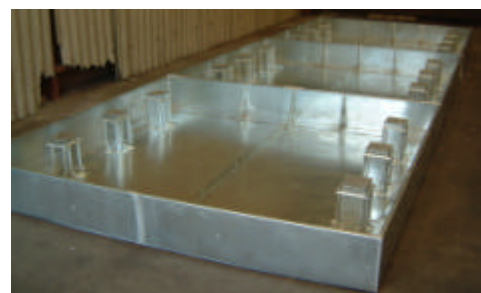


Floating Floor CDM-ISO-MONT

The installation of the CONVURT test rig took place between the 4th and 6th of August 2003 in the Pandrol offices in Worksop.



- Install 10mm polystyrene, cut holes for ISO-MONT jacks and install jacks
- Install trays, bolt together and seal all joints



- Install base plate supports ensuring that they are in line to a tolerance of $\pm 2\text{mm}$
- Install reinforcement including U-bars and tie to ISO-MONT boxes
- Weld support reinforcement into the base plate fixings to ensure that movement does not occur during concrete pour



- Ensure all joints are fully sealed to guarantee no grout loss
- Pour concrete using vibrating rod to make sure that there are no air cavities
- Tamp the top of the concrete to get a basic flat finish



- Trowel finish in 3 stages to give smooth finish
- Let concrete cure over period of 2 weeks



The only things that remain to be done are to install the lateral buffer and slab connection steels as well as jacking the slab up and removing the polystyrene beneath. The intention is to carry this out at the next meeting with Steve Cox of Pandrol.

CASE STUDY – CDM-ISO-FLOOR

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