

## MICAMOLD Coils

With our experienced team, the New Zealand Coil Centre has the ability to manufacture quality coils to suit the requirements of your customers' machines.

### MICAMOLD stator coils

These are generally class ,F' insulation constructed in a diamond, hairpin or concentric configuration (class ,H' insulation can be supplied on request).

The insulation system applied is dependent on the machine's voltage rating.

The Coil Centre's resin rich stage ,B' mica tapes are hot pressed to give a void free main wall. To ensure an accurate fit, the Coil Centre's coils are dimensional checked to ensure they are within 0.1mm of their specified width, permitting a minimum slot side clearance of 0.25mm.

### Flexible - up to 7kV

- Resin rich slot cells with flexible end windings
- Requires dip or spray process and oven cure after complete rewind

### Rigid - up to 13.8kV

- Resin rich slot cells and end windings with flexible knuckles
- Requires dip or spray process and oven cure after complete rewind

### Sealed coils

- Supplied fully cured
- End-windings finished with hermetic sealing tape



### Quality guaranteed

- Coils are tested to international standards
- BSEN 60034-1:2000
- BSEN 50209:1999
- IEE std 522:2004
- Prototype testing of coils by independent test facility
- Comprehensive test report issued with each set of coils
- ITPs and ITRs issued on request