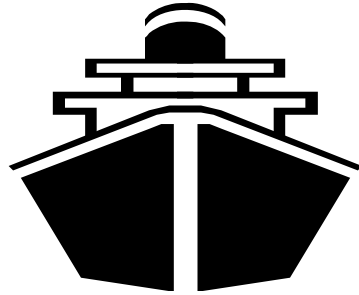


1.6 HOW IS EPOCAST 36 INSTALLED?

The principle is simple. The engine or machinery is aligned on wedges or jacking screws, and the steel surfaces cleaned. Soft foam shuttering or damming is inserted to form the sides of the mould under the bedplate, metal damming is used to form the external side of the mould and to form a pouring space. Release agent is sprayed in, bolt holes are plugged.

The steel is generally not heated before pouring. **THIS IS A UNIQUE FEATURE OF EPOCAST SAVING TIME AND REDUCING THE RISK OF MISALIGNMENT.** The resin is warmed to the required temperature and the hardener added, the two are mixed for a short time and then poured into the mould. The chocks are left to cure for 24 to 48 hours. Sometimes heat is required to ensure a full cure. The correct cure is checked by monitoring the temperature of the setting reaction (exotherm), or by checking the Barcol Hardness.



Generally, the SHIOWNER benefits from having machinery securely mounted on a system requiring minimum maintenance. The owner knows his machinery is not going to require re-chocking during normal service life of a ship.

The SHIPYARD knows it is economical and convenient to use resin chocks and that many owners now specify resin chocks in the light of operational experience.