POLY-LIST dock blocks have been developed, to replace teak wood, on which the ships would rest during dry docking. A composite metallic light weight structure embedded in a high strength polymeric blend system has been invented as a better substitute for teak wood. The material is not damaged by impact or by seawater in repeated dry-docking operation. It is a unique invention in the field of high load bearing light weight structures.

SALIENT FEATURES

- Compressive strain at 5 MPa : 0.02
- Density : 0.80 - 0.95 g/cc
- Shear strain at 5 MPa : 0.05
- Hardness : 45 - 49 Shore ‘D’
- Longer life in marine atmosphere : >10 years
- Zero maintenance during service life

AREAS OF APPLICATION

- Dock-blocks for ships
- Railway sleepers
- Blast proof containers

STATUS

Technology available for transfer