Tank supports for LNG and LPG vessels

Laminated densified wood

Lignostone®
Lignostone® products for LNG and LPG carriers

Röchling Engineering Plastics is a leading manufacturer of composites. We offer a wide range of insulation materials for different cryogenic applications.

Lignostone®, a unique material manufactured from selected beech veneers, impregnated under vacuum with thermosetting synthetic resin and densified under heat and pressure. The extraordinary properties of Lignostone®, make it the ideal material for tank supports in LNG and LPG vessels:

- low thermal conductivity
- excellent temperature resistance
- withstands high mechanical loading
- resistance to abrasion and wear
- low coefficient of sliding friction
- good electrical insulation
- low specific weight

Lignostone® is widely used as:

- tank supports
- anti-floating chocks
- anti-pitching chocks
- anti-rolling chocks
- fixed blocks
- sliding blocks
- hardwood keys
  in
- prismatic tanks LNG (e.g. 87 500 cbm)
- prismatic tanks LPG (e.g. 78 000 cbm)
- cylindrical tanks LPG (bi-lobe)
- floating storage tanks LNG
- Ethylene carriers

Approved quality

Lignostone®, is approved by the following major classification societies:

- DNV – Det Norske Veritas
- BV – Bureau Veritas
- GL – Germanische Lloyd

Detailed technical data upon request.