



SPRAY FOAM INSULATION

Cargo tank insulation for LPG, LEG and LNG

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Fully bonded insulation system for LPG, LEG, LNG IMO Type A and C Tanks



WHY SPRAY FOAM INSULATION?



- Improved insulation life time
- Low maintenance demand
- Improved weather exposure resistance during assembly
- No protection required for storage of insulated tanks outdoor
- Short application time at shipyard

ADVANTAGES

Insulation System

- · No joints in the foam, hence increased tightness
- Complete bonding to all surfaces
- No space for moisture accumulation
- Homogeneous insulation
- Increased insulation efficiency
- Non-corrosive and watertight surface protection
- Excellent corrosion protection of tank
- The risk for voids in the insulation is eliminated by the spray method

Application Method

- Visual control during spray application ensures required quality
- Shipboard or onshore application
- Easy to repair
- Low material consumption
- Easy material handling
- Low storage volumes
- Short application time

MATERIALS

- Premixed polyols and isocyanatesFoam density 38 kg/m3 +/- 10%
- Flammability, B2 DIN 4102, Part 1, and ASTM D365
- HFC foam with ODP (Ozone Depletion Factor) = 0
- Accepted in accordance with the Montreal Protocol and later amendments

Coating

- Two component polymeric coating (solvent free)
- Density: 1.1g/cm3±10%
- Flammability, B2 DIN 4102, Part 1, and ASTM D365
- Thickness from 1 mm to 3 mm depending on surface location

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