

## Vikothersm™ E1 & E2

# The benchmark for wet insulation systems

**Effective insulation of subsea structures helps maintain flow rates, optimize productivity, reduce processing costs and provide an optimum defence against wax and hydrate formations. Vikothersm™ E1 and E2 are just two of the subsea thermal insulation solutions within the Trelleborg Vikothersm™ range.**

Vikothersm™ E1 and E2 Epoxy syntactic foam systems are part of the Vikothersm™ insulation range. Combining an extremely high glass transition temperature with unprecedented resistance to hydrostatic crush pressures, these systems provide high strength, low conductivity insulation.

Epoxy syntactic foams can tolerate an extreme range of temperatures and are ideally suited for hot wet service conditions. The thermal stability of these systems covers a wide range of temperatures. This means they can be effectively applied to extremely harsh subsea environments.

### **Vikothersm™ E1 and E2 Benefits:**

- Thermal stability over a greater range
- Lower thermal conductivity
- Increased strengths
- Mechanical stability

### **Vikothersm™ E1 and E2 Features:**

- Operating temperature range from -25°C to +100°C / -13°F to +212°F
- Tensile strength +15MPa
- Low density systems
- Buoyant in sea water
- Suitable for high hot wet applications



**Apply Vikotherm™ E1 and E2 on:**

- Doghouses
- Half shell insulation
- Bespoke applications
- Flange connections

**Trelleborg – a global provider of subsea thermal insulation solutions**

In today's extreme subsea environments, optimum performance and complete reliability are of paramount importance. Trelleborg brings both world-class material technology and experience of the world's most challenging subsea environments to your project. Vikotherm™ E1 and E2 are Trelleborg's commitment to helping you ensure optimal high pressure and high temperature flow performance.

Products	Temperature limit hot/wet (°C/°F)	Depth limit (m/ft)
Vikotherm™ R2	155 / 311	3,000 / 9,843
Vikotherm™ S1	135 / 275	3,000 / 9,843
Vikotherm™ E2	100 / 212	2,000 / 6,562
Vikotherm™ P7	90 / 194	7,000 / 22,966
Vikotherm™ E1	90 / 194	2,000 / 6,562
Vikotherm™ PT	90 / 194	2,000 / 6,562
Vikotherm™ G3	60 / 140	1,800 / 5,905

**Contact us today**

If you need additional information on Vikotherm™ E1 and E2, our dedicated and highly trained staff are on hand to provide you with seamless process support from initial idea through to delivery and beyond.

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