IT’S ABOUT TIME

CHOOSE CRYOGEL® Z FOR LNG

ON-SHORE & FLNG
MODULAR CONSTRUCTION
OPERATIONS & MAINTENANCE
CRYOGEL® Z ACCELERATES CONSTRUCTION & REDUCES PROJECT RISK

Safeguard the success of your next LNG project with Cryogel Z.

Reduce complexity of the procurement process, and the labor required for material management. Cryogel Z requires up to 50% less labor to install, especially on large-bore piping and equipment.* Cryogel Z can cover any pipe, fitting, or piece of equipment on the plant without the need for contraction joints, and cuts the number of insulation SKUs by more than 99%.

Cryogel Z can reduce shipping and storage volumes by 80-90%. Cryogel Z delivers a 30-40% volume advantage. With 3-5% scrap rates and zero breakage, there is no need to over-purchase.*

Tough and flexible, Cryogel Z easily withstands the rigors of transport and erection of pre-insulated piping and equipment. This removes labor and congestion from the jobsite, and places the bulk of the construction work within a convenient, controlled, and safer environment.

With its lower thermal conductivity, Cryogel Z is 30-40% thinner than competing materials, and will fit within congested spaces.

With 20-50% fewer labor hours, 85% less material portage and truck traffic, and 80% fewer lifts into scaffolding, a jobsite using Cryogel Z is inherently safer.*

With no cardboard boxes or shipping pallets to break down, Cryogel Z can reduce the volume, cost, and safety hazards of jobsite waste disposal by 85-90%.

There will never be shortages due to poor planning, or the unavailability of a particular part size. As long as there are bulk rolls of Cryogel Z in inventory, construction never has to stop.

The Cryogel Z insulation system uses tapes instead of wet-applied mastics, and replaces intricate, 3-D shaping of parts with 2-D patterning. The finished quality of the insulation is much less sensitive to the experience of the workforce.

Cryogel Z provides inherent sound-attenuation and fire-protection properties. For those classes of service that require combinations of thermal insulation, acoustic protection, cold splash protection, and jet- or pool-fire resistance, the Cryogel Z insulation system requires only minor modifications to its base thermal insulation specification.

*Versus traditional rigid insulation products.
Cryogel® Z Installation Method

Did you know that cold insulation work represents 3% of your overall project budget, but impacts 30% of your project timeline? You’ll see increased labor productivity and faster installation rates with Cryogel Z’s easy-to-install package, saving you time, man hours, and money.

All systems provide the same level of protection.
To date, Cryogel® Z has been used in over three dozen LNG facilities, solving construction problems around tight spaces, material and labor availability, compressed schedules, and logistics.

In 2016, Cryogel Z was first used on a complete LNG import terminal (Rayong, Thailand). The first complete LNG export terminal using Cryogel Z (Cove Point, MD) entered service in early 2018.