# PETROCHEMICAL INDUSTRY

## RIDGLOK® VERTICAL STANDING SEAM PANEL INSULATION SYSTEM

### MATERIAL SELECTION

| INSULATION TYPE | R-VALUE PER INCH | OPERATING TEMP | % MOISTURE ABSORBENCY | FLAME SPREAD |
|---|---|---|---|---|
| POLYISOCYANURATE | 6 | - 40°F to 250°F | <1% | 25 or <75 |
| MINERAL WOOL BOARD | 4.17 | 0° to 1200°F | >20% | 25 |
| FIBERGLASS BOARD | 4.35 | 0°F to 450°F | >20% | 25 |
| CELLULAR GLASS BLOCK | 3.45 | - 450°F to 900°F | 0% | 0 |
| PYROGEL XT | 2.14@10mm (575°F) | -40°F to 1200°F | 0% | 0 |
| CRYOGEL Z | 3.69@10mm (-200°F) | -460°F to 257°F | 0% | <25 |

| METAL TYPE | THICKNESS | GRADE | PAINT OPTIONS |
|---|---|---|---|
| ALUMINUM (STUCCO EMBOSSED) | 0.024" - 0.032" | 3105 H14 | Standard & Custom Colors |
| PAINTED STEEL (SMOOTH FINISH) | 24-29 GUAGE | GRADE 50 | 22 Standard Colors |
| STAINLESS STEEL (SMOOTH OR STUCCO EMBOSSED) | 0.016" - 0.020" | 304 2B | No |

## PROCESS CONTROL: WHY CHOOSE RIDGLOK® FOR YOUR TANK?

- **IMPROVES Process Control and Efficiency**
- **PROVIDES Freeze Protection**
- **PREVENTS Energy Waste - Lowers Fuel Costs**
- **REDUCES Heat Loss for Process Control**
- **REDUCES Energy Consumption and Emissions**
- **REDUCES Routine Maintenance Compared to Conventional Insulation**
- **REDUCES BTU Consumption**
- **REDUCES Carbon Footprint Contributing to a Cleaner Environment**


## VERSATILITY:

RIDGLOK® Panel Insulation Systems can be installed **WHILE TANK REMAINS IN SERVICE** to all types of tanks. RIDGLOK® attachment connections are internal of the insulation system, providing protection from weather elements to ensure longevity, making the RIDGLOK® Panel Insulation System far superior to conventional systems.

## APPLICATIONS:

Refineries, asphalt plants, tank terminals, fuel terminals, fire protection, chemical tanks

RIDGLOK®

The RIDGLOK insulation system meets the requirements in FM 4020 SEC 2.21.5 and NFPA 22 SEC 16.4.

**Minimal Down Time During RIDGLOK® Installation**

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