



With input from both Naval architects and shipyard insulators, Low K-200 Anti-Sweat was designed to meet the demands for thermal insulation in higher moisture environments. Closed-cell polyimide foam with a specialized facing/vapor barrier system increases resistance to moisture absorption, resulting in an effective, fire-resistant, thermal and acoustic insulation for higher moisture environments.

Applications

- Shipboard hulls, bulkheads, overheads, stiffeners, beams, and ductwork requiring thermal protection
- Hull insulation for submarines and other marine vessels subject to high-moisture environments

Features and Benefits

- Lightweight polyimide foam
- Fewer mechanical fastening devices required
- Inherently fire resistant, thus yielding longer burn-through times, low surface-burning characteristics, very low smoke developed, no significant toxic off-gassing.
- Easy implementation and low installed cost
- Increased resistance to abuse and water damage
- Can be produced in a variety of board sizes. See chart below for standard sizes.

Low K-200 Anti-Sweat has the full approval of the U.S. Navy and meets the following specifications:

- PPD 802-6335737, Type I

Low K-200 Anti-Sweat Physical Properties	
Density	0.043 lb/ft ²
Tensile Strength	193 lb/in ²
Compression Resistance	2.12 lb/in ²
Compression Set	4.2%
Dimensional Change	0.63%
Water Absorption	0.09 lb/ft ²

Standard Sizes		
Board Dimension	NSN	Claremont P/N
1/2" x 24" x 48"	5640-01-455-1543	046-02980
1" x 24" x 48"	5640-01-454-8837	046-03020

* The information included in this data sheet is subject to normal manufacturing and testing variances. It is supplied only as a technical service and is subject to change without notice.