



PRODUCT INFORMATION

CE-365
10/18 SUPERSEDES 11/13

ERGONARMOR GRAPHITE TILE

DESCRIPTION

ERGONARMOR Graphite Tile is a high-purity, graphitized carbon tile, available in custom dimensions for a variety of acid-proof construction applications, where resistance to hydrofluoric acid or hot caustic soda is required. The following carbon-filled resin mortars are ideally suited for use with ERGON Graphite Tile:

FURALAC™ Green Panel Mortar
FURALAC FN Mortar
ERGON Phenolic Carbon Mortar

ASPLIT™ CN Mortar
ERGON Vinyl Ester Carbon Mortar
PENNCHEM™ Novolac Carbon Mortar

AREAS OF USE

- Floors
- Trenches
- Containment Areas
- Storage Tanks
- Sumps

OUTSTANDING FEATURES

- Exceptionally high carbon content and low ash/impurity content.
- Custom dimensions available. Larger format tiles reduce labor piece-counts and mortar consumption.
- Manufactured in the USA

TYPICAL PHYSICAL PROPERTIES

PROPERTY	ERGONARMOR Graphite Tile
Carbon Content	99.9%
Ash Content	Less than 0.1%
Apparent Density	1.72 gm/cm ³
Porosity	15%
Flexural Strength	2,400 psi
Compressive Strength	5,100 psi
Tensile Strength	1,900 psi
Thermal Conductivity	2 BTU/ft·hr·°F
Coefficient of Thermal Expansion	6 x 10 ⁻⁶ per inch/°F

ESTIMATING / PACKAGING THEORETICAL QUANTITIES – NO OVERAGE ALLOWANCE

Pallet quantities vary with tile dimensions. Consult ERGONARMOR for specific estimating guidance.

SAFETY PRECAUTIONS / DISCLAIMER

Mixes and applications of this product present a number of hazards. Read and follow the hazard information, precautions and first aid directions on the individual product labels and material safety data sheets before using. While all statements, technical information, and recommendations contained herein are based on information our company believes to be reliable, nothing contained herein shall constitute any warranty, express or implied, with respect to the products and/or services described herein and any such warranties are expressly disclaimed. We recommend that the prospective purchaser or user independently determine the suitability of our product(s) for their intended use. No statement, information or recommendation with respect to our products, whether contained herein or otherwise communicated, shall be legally binding upon us unless expressly set forth in a written agreement between us and the purchaser/user.



ErgonArmor
TECHNICAL COATING SOLUTIONS™

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