



INDUSTRIES 3R

Danville Office
55, route 116 Ouest
Danville (Québec) Canada
J0A 1A0

Phone: 819-839-2793
Fax: 819-839-2797
Toll-free: 800-567-2728
E-mail: info@industries3r.com

PANELS

3R4600



Description

This high temperature vacuum formed board is rigid and self-supporting. It is made from fibers with a high content of alumina with ceramics fibers. This combination provides dimensional stability to the product to 2600 °F, where the minimum shrinkage is very important.

The 3R4600 offers excellent thermal conductivity and remains stable at elevated temperatures. It has the capability to withstand chemical attack to the exceptions of hydrofluoric acid, phosphoric acid and strong alkali.

Applications

This board can be used as : insulation for appliances, support for dense refractories, rounded tiles, burner blocks, building combustion chambers, expansion joint material, duct liners and chimneys, furnace components, high temperature seals, furnaces, ovens and covering other hot surfaces, etc.

Specifications

Technical data

Color	Blue
Density	18pcf (288kg/m ³)
Temperature	Continuous: 1426°C (2600°F): Short time: 1482°C (2700°F)
Modulus of rupture	0.23MPa (333psi)
Compressive strength MPa (psi)	@5% def.: 0.38 (55), @10% def.: 0.43 (63)
Permanent linear shrinkage	24h @ 1316°C (2400°F): 1.7%

N.B. The information presented may differ from practice. We recommend conducting tests according to the conditions of use. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products. The data is subject to certain variations without notice.