# RAY-BAR ENGINEERING CORPORATION

## TECHNICAL DATA FOR FIREPLACE GLASS PANELS

### **Product Trade Name: NEOCERAM**

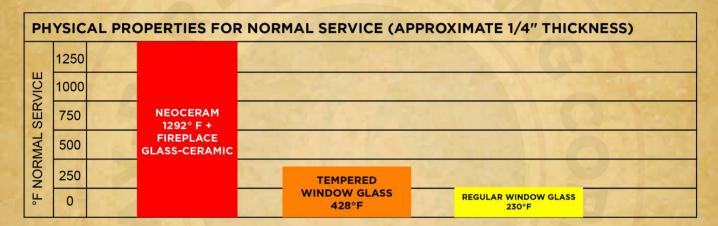
#### **PRODUCT DESCRIPTION:**

A Clear Glass-Ceramic panel that is resistant to thermal shock and heat resistant nearly 3x more than that of standard tempered glass

#### **ATTENTION:**

Please note the following points:

- 3/16" (5mm) thick clear silica coated Glass-Ceramic
- Available cut to customer order size
- Standard stock sizes up to 44" x 78" maximum
- Excellent heat resistance
- Withstands continuous temperatures up to 1292°F
- Almost zero thermal expansion coefficient
- This product is not UL listed or classified
- This is not a Fire Rated Product
- This product is not Fire Protective or Fire Resistive
- This product is not impact resistant



#### **MAXIMUM SHEET SIZE OF NEOCERAM AVAILABLE IS 44" X 78"**

#### THERMAL HEAT RESISTANCE

CONTINUOUS: 750 C / 1382 F SHORT TERM: 800 C / 1472 F THERMAL CONDUCTIVITY: 1.6

#### **MECHANICAL PHYSICAL PROPERTIES**

DENSITY: 2.5 gm/cm3 VICKERS HARDNESS: 700 HV/10 YOUNG'S MODULUS: 94

STC: 35

#### **OPTICAL PROPERTIES**

REFRACTION INDEX: 1.54 VISIBLE REFLECTION: 9% VISIBLE LIGHT TRANSMISSION: 88%

- \* For Fire Protective against flame and smoke or Fire Rated Glass utilize: Ceramic Glass products: FireLite, FireLite+PLus or WireLite-NT (UL Listed)
- \* For Fire Resistive, Flame, Smoke, Radiant Heat and Conductive Heat Barrier utilize: Pyrostop Glass (UL Listed)

## RAY-BAR ENGINEERING CORPORATION WWW.RAYBAR.COM

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