

# Product Information Sheet

## Thermbond 7200 Series



### INTRODUCTION

7200 Series Combines Maximum Flexibility and Performance to Deliver Incredible Value

- Expanded product line of water-based, hybrid-bonded monolithic refractories
- 3<sup>rd</sup> generation product innovation from Thermbond
- Engineered for full thickness linings and a full suite of mission-critical applications
- Offering ultimate efficiency to reduce installation times, improve operational uptime, and extend service life
- Backed by a history of unrivaled product performance and trusted reliability
- All at a price that fits your needs

### THERMBOND 7200 SERIES COMPETITIVE COMPARISON

The 7200 Series Brings Thermbond's Leading Performance and Innovation to the Traditional Refractory Space by Focusing on Customer Value

Key Criteria	Thermbond 7204	Leading Conventional Product
Wet to Dry Ratio	4.5% - 5.5%	5.9% - 6.1%
Abrasion CC 1500°F	3.1 - 3.5cc	5.8cc
Density	2.95 g/cm <sup>3</sup>	2.74 g/cm <sup>3</sup>
Thermal Conductivity W/m.K @ 1000°C	2.41	2.32
Hot Modulus of Rupture @ 1500°F	4500 PSI	3500 PSI
Setting Time	< 1 Hour	Heat Setting
Firing Time	~100F/Hr	< 50F/Hr
Installation Methods	Pump, Cast, Ram, Gun, Shotcrete, Hand-Pack	Vibration Cast



### THERMBOND 7200 PRODUCT ADVANTAGES

#### Installation Efficiency



- Fast and Easy Setting
- Firing Times ~2x Faster Than Alternatives
- Any Installation Method – One Bag Does It All
- Minimal Rebound and Waste

#### Superior Performance



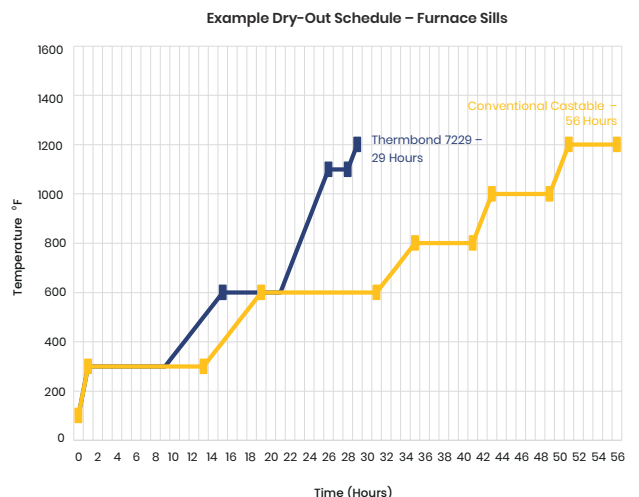
- Highly Abrasion Resistant
- High Density and Strength
- Thermal Shock Resistance
- Thermal Efficiency

#### Quality and Dependability



- Proven Field Performance
- Rigorous Testing and QA/QC Process
- Engineered For Each Application

### EXAMPLE DRY-OUT SCHEDULE

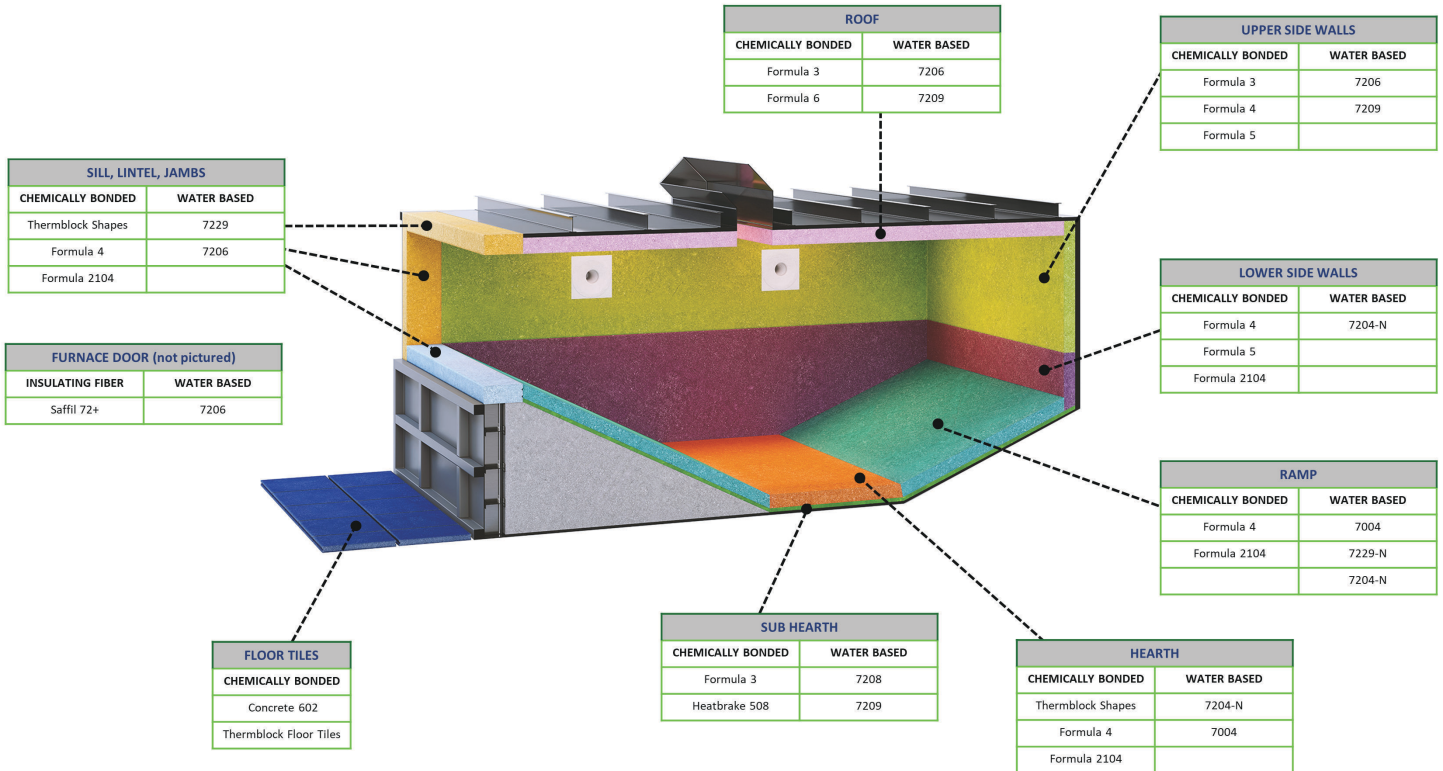


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### THERMBOND 7200 SERIES ALUMINUM FURNACES



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