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ENGLISH

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# FORMULA 28-S

*Thermbond Refractories use the patented Stellar Binder System™ for easy and accurate mixing, controlled setting, fast dry-out and heat up, thermal shock resistance and other unique properties. Thermbond chemically bonds to existing fired refractories. CHARACTERISTICS: - Alumina - Mullite - Dense - Fine Grain*

## P R E L I M I N A R Y   D A T A

PACKAGING		
Unit Equivalent	Bags: 1	Jugs: 2
Bag Weight*	38 lbs	17.2 kg
Jug Weight*	8 lbs	3.6 kg
Drum Weight*	400 lbs	181.4 kg
Unit Weight*	53 lbs	24.1 kg
Yield / Unit*	0.39 ft3	0.011 m3
Units / Ton*	37.59 short	41.44 metric
Board Feet / Unit*	4.7 bd ft	
Square Feet / Unit*	260 sq ft	
Wet to Dry Ratio*	Call for Instructions	
Liquid Activator	FORMULA	
Bags Per Pallet	48	
Drums Per Dry Pallet	N/A	

APPLICATION	
Data based on	Spraying

BULK DENSITY**		
As Placed	136 lbs/ft3	2179 kg/m3
After 1500F (816C)	120 lbs/ft3	1922 kg/m3

MAXIMUM RECOMMENDED SERVICE TEMP**		
Hot Face	3000 F	1649 C

TYPICAL CHEMICAL ANALYSIS (After 1500F (816C))**	
Al2O3	61.05%
SiO2	20.15%
Fe2O3	0.51%
P2O5	12.56%
Other	5.73%
Total	100.00%

\*Measures are approximate and may vary. For mixing partial units, contact Stellar Materials for specific wet-to-dry ratios. See Installation Guide for more detailed information.

\*\*Test data shown are based on averages subject to normal variation on individual tests, and therefore should not be assumed to be maximum or minimum specifications.

Due to the unique nature of the Stellar binder system, test procedures vary slightly from ASTM. Documentation of these variations is available upon request.