



Thermbond is a registered trademark of Stellar Materials Incorporated, Boca Raton, FL USA. Stellar Canada Inc. is an independent distributor of Stellar Materials Incorporated.

**THERMBOND® PRODUCT ANNOUNCEMENTS**

**Stellar Materials Announces New Product Formula 6-AL**



Stellar Materials Incorporated, manufacturers of Thermbond® Refractories developed a new Formula product for applications in the Chemical and Minerals processing industries. Vice-President of Engineering, Jens Decker explains the reasons why this product was developed, and presents a couple of applications for its use.

“This product was developed for larger furnaces that require high abrasion resistance. Formula 6-A is abrasion resistant, however due to its fast setting properties, it cannot be placed in large furnaces or used in large quantities at high ambient temperatures. Formula 6-AL is abrasion resistant and has a longer working time, which is ideal for applications like rotary furnaces. Formula 6-AL is mainly for applications where thermal shock and abrasion is involved. If you require higher abrasion resistance than Formula 6-L or Formula 6-B can offer, then Formula 6-AL is recommended. For instance Formula 6-AL will work well in rotary and calcining furnaces”, explains Jens Decker.

Vice-President of World Wide Sales, Tom Atkins comments, “Formula 6-AL has great potential in the mineral processing industry, as well as the power industry and the steel industry, where very high abrasion conditions exist. A secondary benefit of using Formula 6-AL in ultra high abrasion applications is that, like all Thermbond® products, it has excellent thermal shock properties.”

As with all the Thermbond® products, standard pre-testing has been done. An independent lab test was used to validate the high abrasion resistance. The results were very good, with less than 3 cc loss.

**New Bag Weights/New Technical Data Sheets**

Bag weights on several of our products have changed to refine the wet to dry ratios, to optimize the resulting properties. Below is a listing of all the products that have changed. New technical data sheets have been posted on the Stellar Materials Home page ([www.thermbond.com](http://www.thermbond.com)). All weights listed below are in pounds (lbs).

Products	Old Bag Weights	New Bag Weights	Revised Date
Formula 3-AG	65	63	07/17/2008
Formula 3-BL	62	63	07/17/2008
Formula 3-P	43	51	07/17/2008
Formula 4-E	71	68	07/17/2008
Formula 4-W	42	43	07/17/2008
Formula 5-E	60	63	07/17/2008
Formula 5-L	60	65	07/17/2008
Formula 6-AG	65	63	07/17/2008
Formula 6-BL	62	63	07/17/2008
Formula 6-G	63	60	07/17/2008
Formula 9-AB	57	56	07/17/2008
Formula 9-E	63	60	07/17/2008
Formula 10-BF	54	56	07/17/2008
Formula 12-R	41	45	07/17/2008
Formula 14-L	65	63	07/17/2008
Formula 16	43	48	07/17/2008
Formula 16-L	43	48	07/17/2008
Formula 18	66	63	07/17/2008
Formula 18-B	61	60	07/17/2008
Formula 18-BL	69	74	07/17/2008
Formula 18-L	69	71	07/17/2008
Formula 18-R	76	39	08/07/2008
Formula 18-W	42	43	07/17/2008
Formula 22-B	63	68	07/17/2008
Formula 26-P	44	37	07/17/2008
Formula 2104-A	42	45	07/17/2008
Formula 2104-L	76	74	07/17/2008
Formula 2120-L	69	76	07/17/2008
Formula 2125	48	50	07/17/2008

**INDUSTRIES SERVED**

- ☞ Refining
- ☞ Non-Ferrous
- ☞ Zinc
- ☞ Precast Manufacturing
- ☞ Rock Products
- ☞ Die-Casting
- ☞ Boiler Manufacturing
- ☞ Mineral Processing
- ☞ Chemical
- ☞ Power Generation
- ☞ Primary Aluminum
- ☞ O.E.M. Furnace Builders
- ☞ Steel
- ☞ Incineration
- ☞ Secondary Aluminum
- ☞ Cremation

