

User's List

Jambs and Lintel

- Two 220,000 lb. Round, top charge melters
- One 220,000 lb. Tilting holding furnace



Sills (with a minimum of 7% ss needles)

- Three 150,000 lb. reverb. melters
- 60,000 lb. melter

Ramps

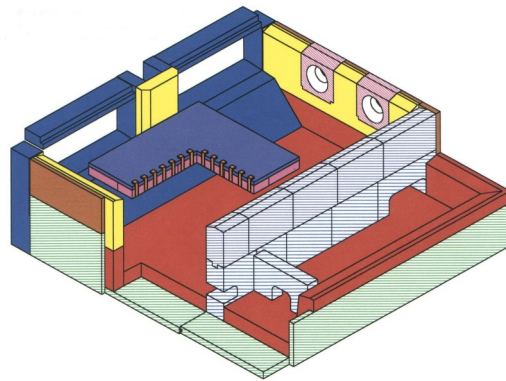
- Four 150,000 lb. reverb. Melters
- 200,000 lb. reverb melter
- 175,000 lb. reverb melter
- 175,000 lb. tilting holder

Hearth

- 175,000 lb. Round Top Charge Melter

Lower hotwall

- Scrapwell melter



You may contact your local RESCO salesman, contractor, or the contact person mentioned on the second page. FURNA³ 85 is an exciting user friendly castable that can solve premature wear problems, or as an upgrade, to just help increase the life of your furnace. Try FURNA³ 85. Give RESCO the opportunity to solve your refractory problems.



FURNA³ 85

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**CASTABLE
FOR THE
ALUMINUM
INDUSTRY**

AN AMERICAN-OWNED
REFRACTORY COMPANY



FURNA³ 85

FURNA³ 85 is the first castable that truly can be referred to as “A brick in a bag.” FURNA³ 85 is an 84% alumina non-wetting castable that has strengths superior to brick.

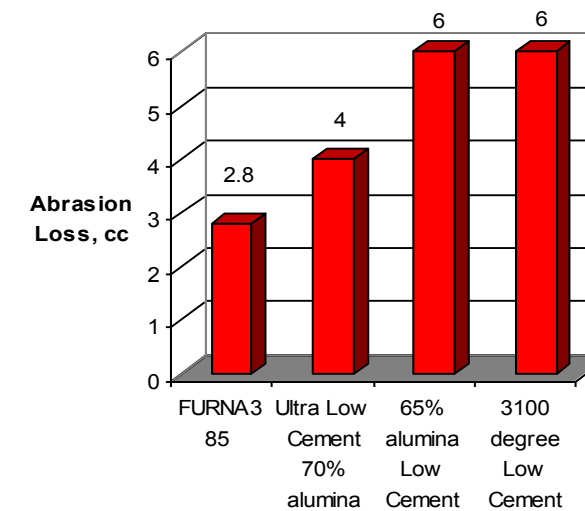
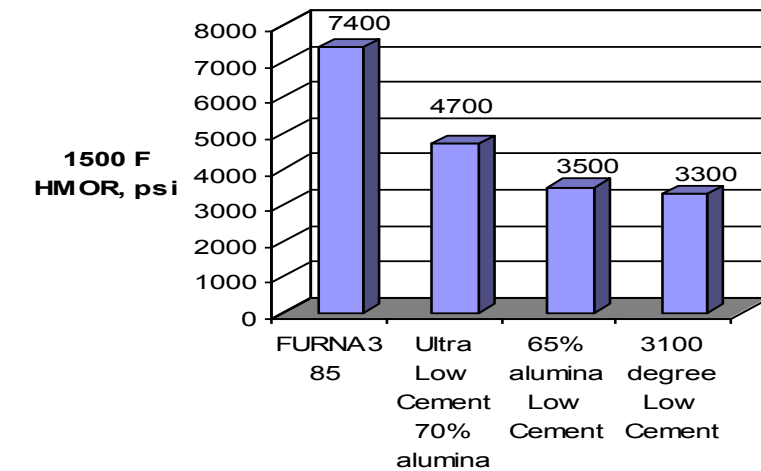
FURNA³ 85 has been around since late 1999 and has been successfully used in the following areas:

- Hearth
- Ramp
- Sill, Jambs and Lintels
- Lower Sidewalls

Advantages

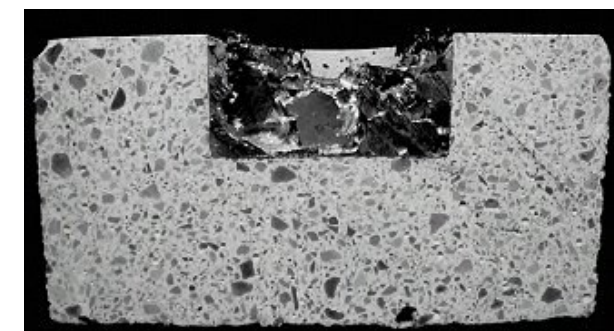
1. Hot strengths that are superior to brick
2. Very abrasion resistant
3. Shotcretable
4. Pumpable
5. Extremely non-wetting to aluminum

In order for a castable to handle the aggressive charging of a heavily charged melter, it must have high hot strength at the operating temperature of the furnace. To the right you can see the outstanding hot strength of FURNA³ 85 as compared to the leading competitors in the market place today. Values are from published data sheets



On the left you can see that FURNA³ 85 is the most resistant castable to abrasion as compared to several major competitors. Abrasion resistance is an excellent measure of a products ability to handle the scraping action of sows, ingots and cleaning tools.

FURNA³ 85 is completely resistant to aggressive aluminum alloys. On the right is the cross section of a sample subjected to 5182 alloy for 72-hrs. at 1500° F. As you can see there is absolutely no penetration. The low silica content of FURNA³ 85 at 9.5% is an advantage in its ability to resist corundum as well as aggressive aluminum alloys.



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Contact: Pat McNamara
 Aluminum Marketing
 Phone: 412-294-1029
 Fax: 412-294-1080
 Email: patrick.mcnamara@rescoproducts.com

