

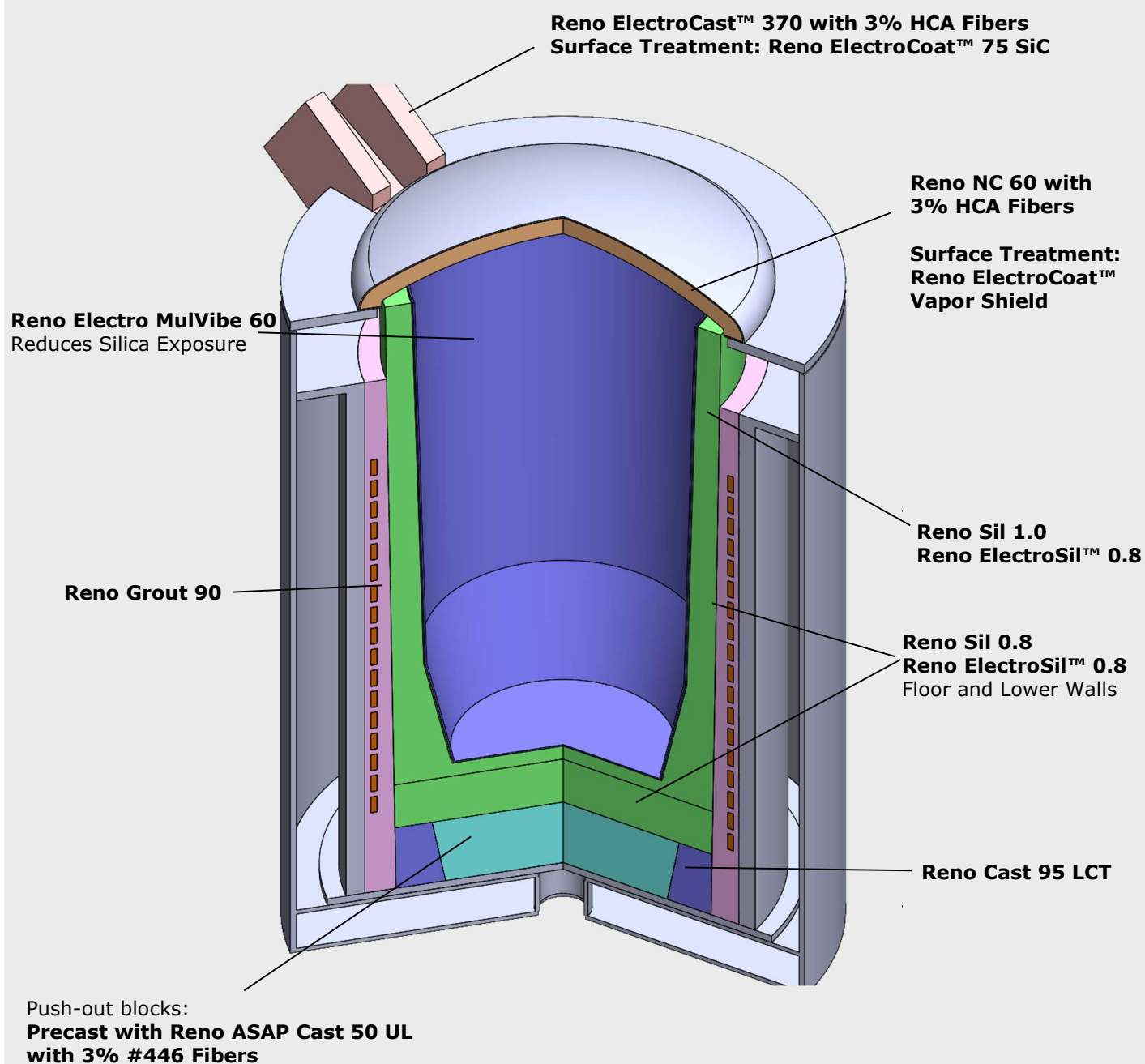


RENO
REFRACTORIES, INC.

NEW REFRACTORY TECHNOLOGY CORELESS INDUCTION MELTING FURNACES

NEW REFRACTORY TECHNOLOGY

Reno Refractories, Inc. is proud to introduce our new refractory technology, **Reno ElectroSil™ 0.8** and **Reno Electro Mulvibe 60**.



NEW RENO ELECTROVIBE™ TECHNOLOGY

All these new products provide properties that are unmatched, by any other refractory supplier. These are:

- Almost zero permeability
- Super high hot strengths
- Pore sizes as low as 0.01 micron
- Abrasion values below 3 cc loss
- Reduced silica exposure
- No alkali or iron oxide penetrations
- Impact resistance
- Molten slags do not wet the structure
- Lasts longer with high volume charging

Furnaces can now be lined with our Reno Electro MulVibe 60. This new mullite product can tolerate the temperature swings with the pressure from charging and discharging and variances in electric power forces. The high turbulence washes away the surface glass formed with silica/boron compounds and leads to short life. Reno has designed a new concept for combatting the wear mechanisms with our new **Reno Electro MulVibe 60** and **Reno ElectroSil™ 0.8**. The benefits include longer campaigns which reduce refractory consumption, reduce hazardous silica exposure to the personnel, and additional production time.

Cover

Insulation and Anchors
Hot Face
Surface Treatment

#310 SS VS-Anchors and ½" HD Board
Reno NC 60 with 3% HCA Fibers
Reno ElectroCoat™ Vapor Shield

Spouts

Hot Face
Surface Treatment

Pre-cast made from **Reno ElectroCast™ 370 & 3% HCA Fibers**
Reno ElectroCoat™ 75 SiC

Lower Rings

Reno Cast 95 LCT

The higher alumina tabular product will transfer the heat faster from the lower walls and floor. This higher thermal flow will provide additional life to the most troublesome areas.

Walls and Floor

Reno Electro MulVibe 60 and **Reno ElectroSil™ 0.8** for the Floor and Lower Walls. Reno's proprietary pure silica refractory utilizes smaller crystals that can tolerate rapid heating and cooling for longer performance life, especially true with the medium frequency furnaces.

Top Cap

If the top cap area is worn, a combination of **Reno MO 80 PT** can be used to form a bond between a rammed repair using **Reno Plastic 85 P**, or use our no cement castable, **Reno FireCast 70**.

Coil Grout

Reno has designed a unique high alumina, low iron cement bonded grout which is very easy to work with. IT can be troweled, hand packed, and cast into place.



It is the mission of Reno Refractories to investigate, develop, communicate and deliver valuable refractory products and services to our customers in North America.

We have a responsibility to supply the best value in refractory technology by optimizing the profits and safety of our customers. We take pride in our reputation as a leader in these endeavors.
