

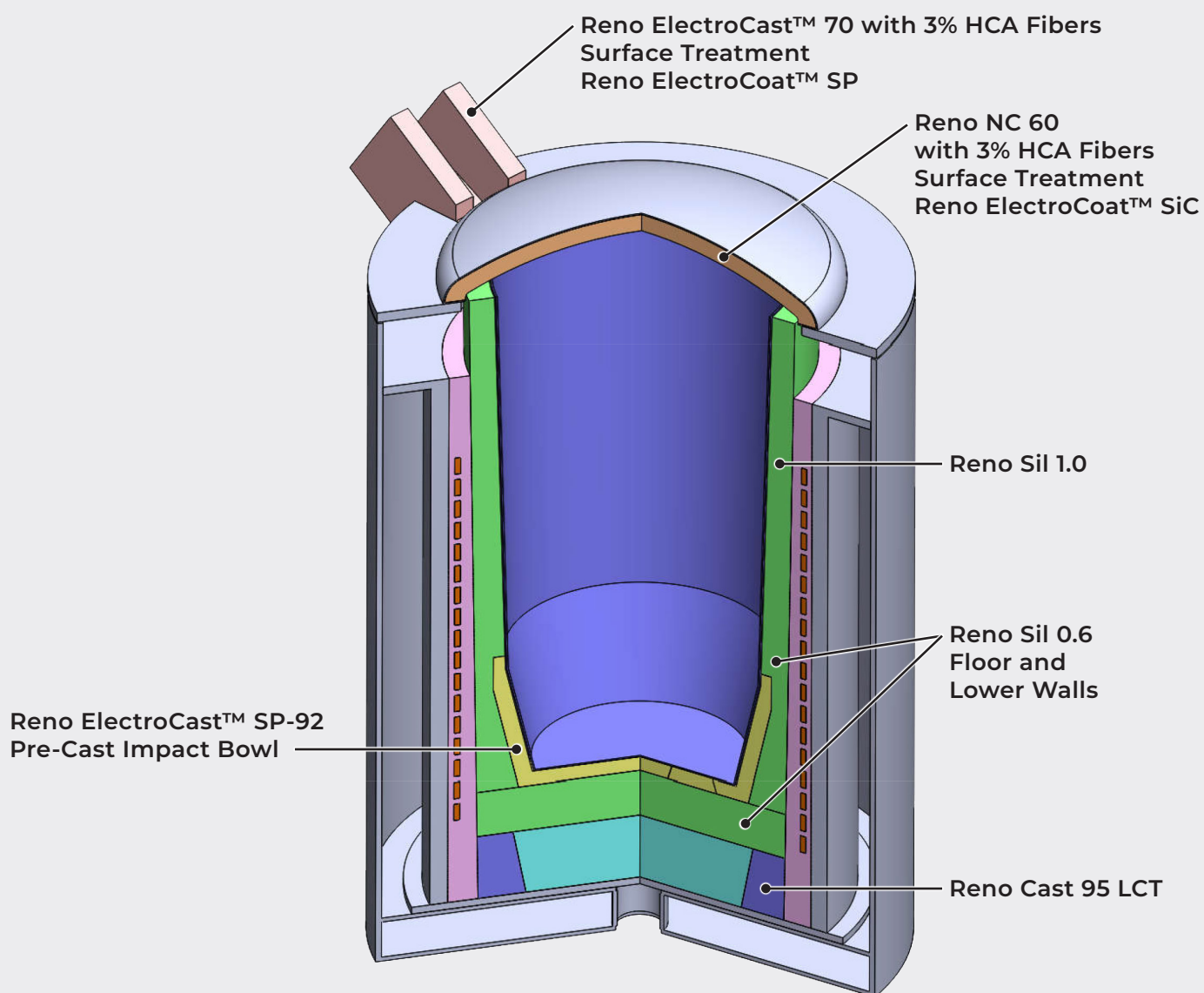


RENO
REFRACTORIES, INC.

NEW REFRACTORY TECHNOLOGY CORELESS INDUCTION MELTING FURNACES

NEW REFRACTORY TECHNOLOGY

Reno Refractories, Inc. is proud to introduce our new Refractory Technology, "Reno ElectroCast™."



NEW RENO ELECTROCAST™ TECHNOLOGY

All of 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
- No Alkali or Iron Oxide Penetrations
- Impact Resistance
- Molten Slags do not Wet the Structure
- Lasts Longer with High Volume Charging

Elephant Foot Wear Zone

Pre-Cast Impact Bowl, made with **Reno ElectroCast™ SP-92**
This zone experiences 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 ElectroCast™ SP 92 product, and our Reno Sil 0.6 as the safety lining. The benefits are much longer campaigns, which reduce refractory consumption and reduce hazardous silica exposures for the personnel. Less Frequent re-lines offer more production time.

Cover

Insulation and Anchors
Hot Face
Surface Treatment

85% Phos Anchor Brick, and ½ Inch Marinite Board
Reno NC 60 with 3% HCA Fibers
Reno ElectroCoat™ SiC

Spouts

Hot Face
Surface Treatment

Pre-cast made from **Reno ElectroCast™ 70 & 3% HCA Fibers**
Reno ElectroCoat™ SP

Lower Rings

Reno Cast 95 LCT

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

Walls and Floor

Reno Sil 0.6 for the Floor and Lower Walls
Reno Sil 1.0 for the Upper Walls and Top Cap
Reno's proprietary Pure Silica Refractory is not made from the traditional low cost quartz found in most competitors' products. Rather our product is made from Silica Rock with much smaller crystals that can tolerate rapid heating and cooling for longer performance life, especially true with the higher powered medium frequency furnaces.



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.
