



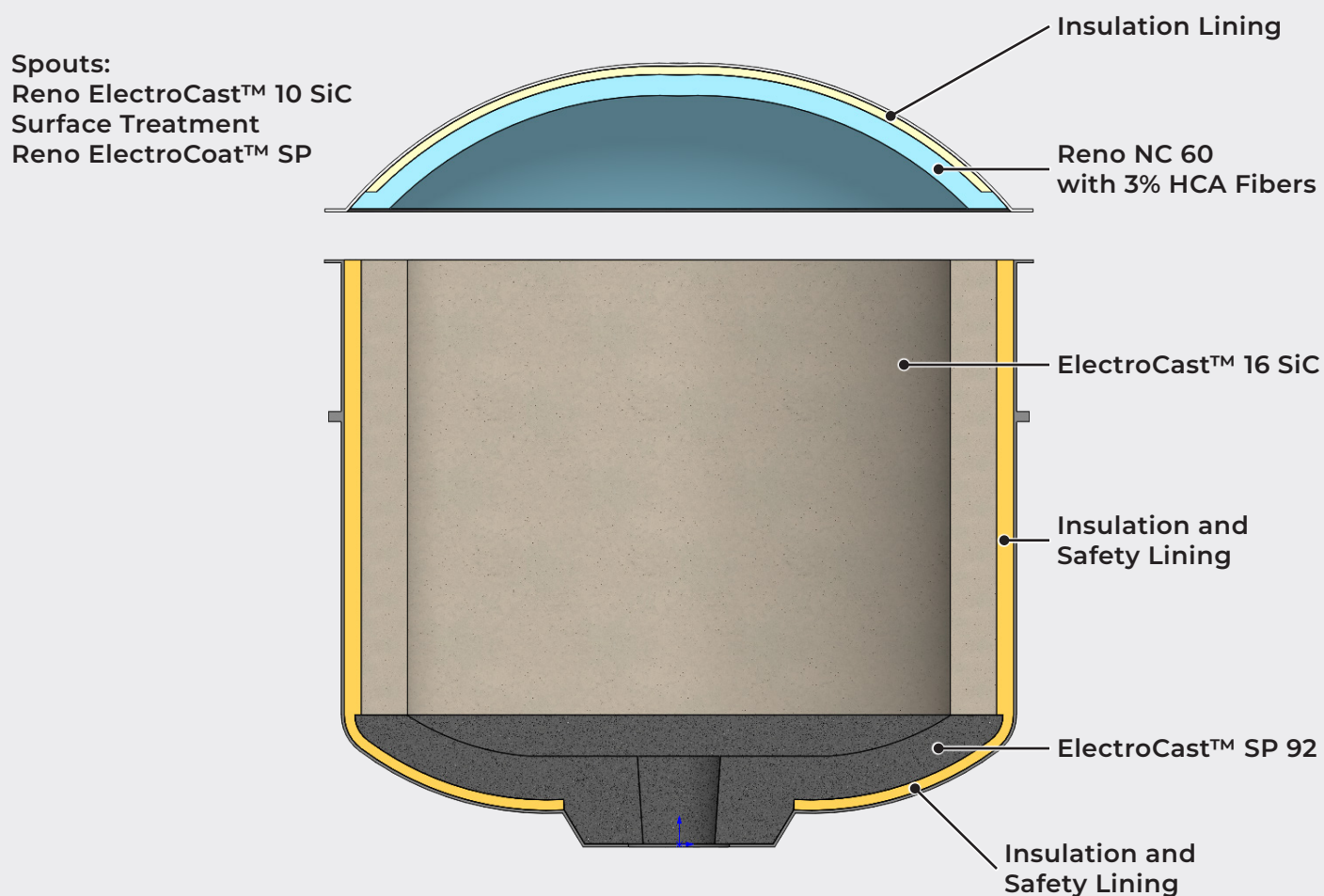
# NEW REFRACTORY TECHNOLOGY CHANNEL HOLDING FURNACES

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# NEW REFRACTORY TECHNOLOGY

Reno Refractories, Inc. is proud introduce our new Refractory Technology, "**Reno ElectroCast™.**" When mixed with our already world-leading no-cement nano-bonded colloidal silica products, Channel Holding Furnaces will perform longer as well as provide lower turnaround maintenance costs for our valued customers.



## 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 & Easy to Clean
- Impact Resistance
- Molten Slags do not Wet the Structure
- Lasts Longer with High Volume Charging

### Throat and Floor

#### **Reno ElectroCast™ SP 92**

While cleaning, the oxygen lance can damage silicon carbide bearing refractory below metal line. This product contains zero carbon, for safer conditions.

### Insulation and Safety

Floor: ½" Marinite Board, + 3" of 70% Brick  
Throats: ¼" Microtherm Overstitch Panels, folded under the brick work

### Walls

#### Insulation and Safety

**Reno Coat It AL on** Steel Walls, prevents carbon transfer  
4.5" Super Duty Brick, arch type for tight construction  
1.5 inches of BNZ 2600° F IFB for Insulation.  
**Reno MO Super 3 Mortar**

### Hot Face

#### **Reno ElectroCast™ 16 SiC**

New Insulation-design, reduces energy consumption while providing a true safety liner. The freeze plane is well in front of the brick safety lining.

### Roof

#### Insulation and Anchors Hot Face

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

### Spouts

#### Hot Face Surface Treatment

**Reno ElectroCast™ 10 SiC**  
**Reno ElectroCoat™ SP**



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***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.

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