

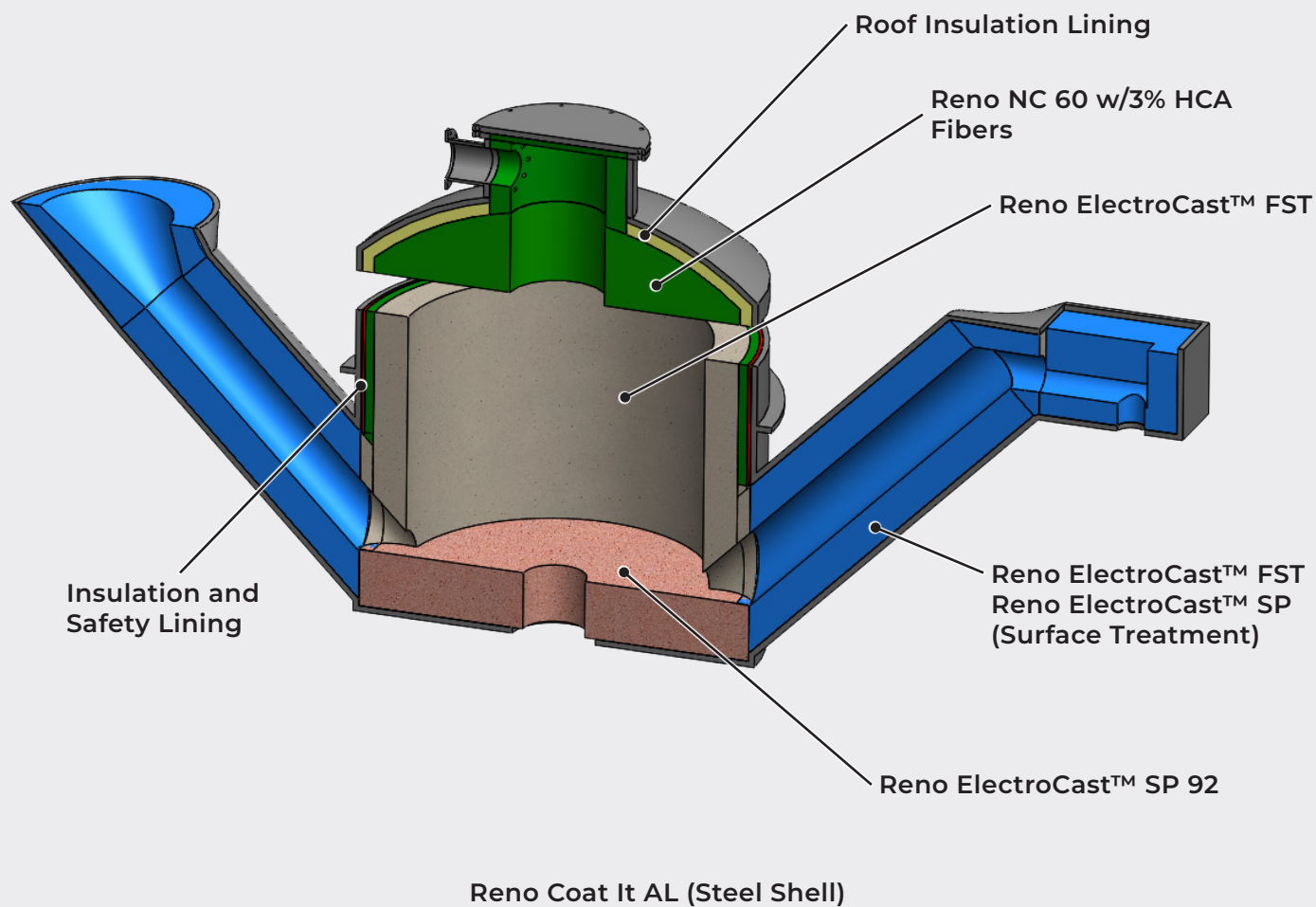


**RENO**  
**REFRACTORIES, INC.**

# NEW REFRACTORY TECHNOLOGY DUCTILE IRON PRESSURE POUR FURNACES

# NEW REFRACTORY TECHNOLOGY

Reno Refractories, Inc. is proud to introduce our new Refractory Technology, "**Reno ElectroCast™**." When mixed with our world-leading no-cement nano-bonded colloidal silica products, Ductile Iron Pressure Pour Furnaces will perform longer and reduce cleaning time which can be used for increased production.





## 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 and 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™ FST**

Reno has invested in a new synthetic mineral made exclusively for us. Forsterite can tolerate thermal swings, and is non wetting while in contact with iron. Zero Silica composition prevents magnesium fade from ductile iron. Cleaning is made easy and less frequent. 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™ FST**  
**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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