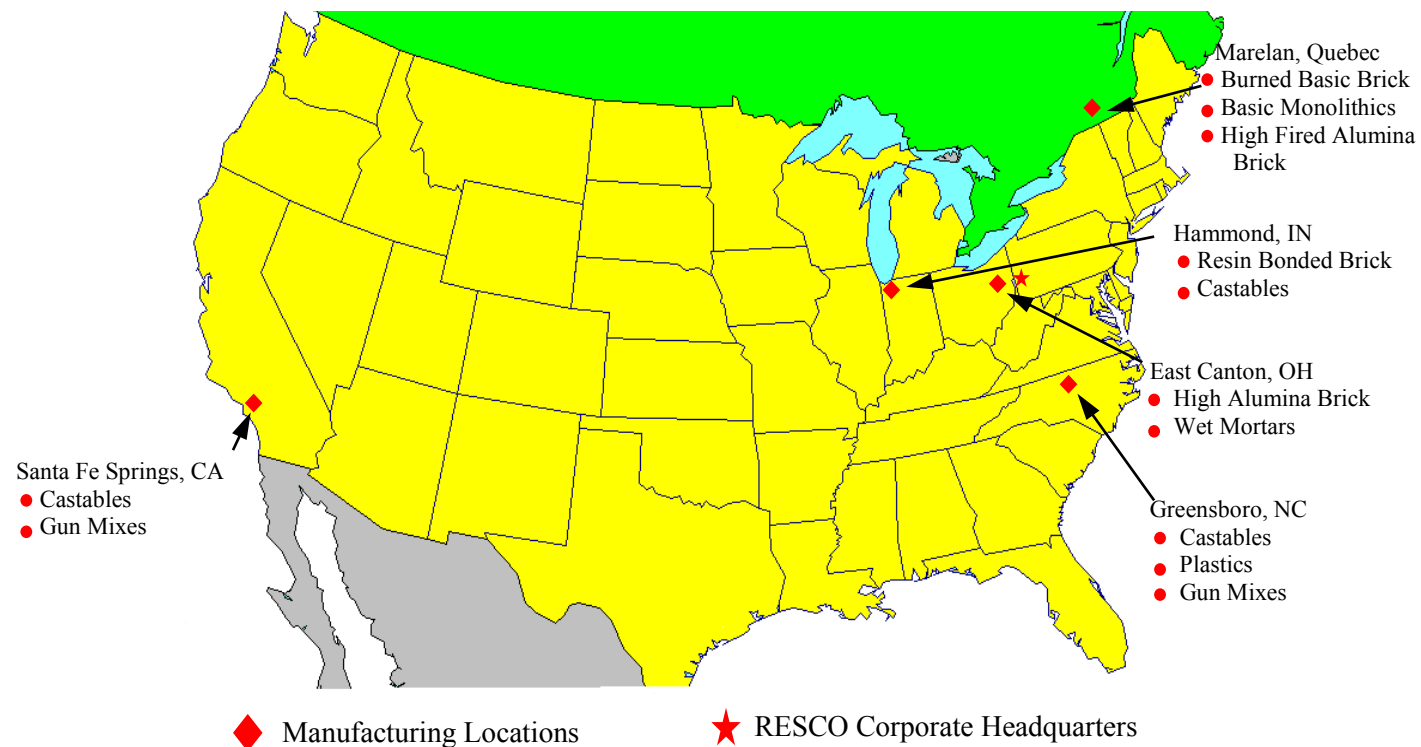


Resco Manufacturing Locations



Regional Sales Offices

Pittsburgh, PA	Santa Fe Springs, CA	Resco Canada
Phone: 888.283.5505	Phone: 562.802.2463	Phone: 819.242.2721
Fax: 412.494.4571	Fax: 562.802.0315	Fax: 819.242.9718

RESCO for the Long Run

Founded in 1946, Resco has served its markets with specialized products ever since, initially, with the refining industry and later in the steel industry. Innovations have been key to Resco's long success, including AA-22 and the original patent on semi-universal ladle brick.

Recent acquisitions have diversified Resco into many new refractory markets. The addition of National's product lines allows Resco to offer a comprehensive range of products.



Resco Products, Inc
 Penn Center West
 Building 2, Suite 430
 Pittsburgh, PA 15276

Phone: 888.283.5505
 Phone: 412.494.4491
 Fax: 412.294.1080
 www.rescoproducts.com



QuikTurn
 EZ Cast
 Rescocast
 Furnaram
 Pacocast
 EZ³
 Furna³
 Vibrocast
 Rescoram
 Rescal
 Rescoset
 Kricon
 Furnacon

Refractory
 Products
 For The
 Aluminum
 Industry

AN AMERICAN-OWNED
 REFRACTORY COMPANY



Resco has a complete line of refractory solutions for the aluminum producer. The combination of Resco's and National's products and technology has led to new and exciting products. Foremost among these is the Quikturn product line. The Quikturn products allow for rapid installation and dry out of the refractory casta-

Subhearth Materials

Subhearth materials for hearth, ramp and lower sidewalls require moderate crushing strength, a thermal conductivity that will maintain the freeze plane within the working lining and an economical price. Some designers also want the subhearth to be non-wetting to aluminum in the case of metal penetration while others want any molten aluminum to react with the subhearth.

Zone	Rapid Fire Pumpable and Sprayable	Pumpable and Sprayable	Castable
Sub Hearth	QuikTurn 45 PC QuikTurn 45 PCA	EZ ³ 2700 FURNA ³ 40	EZ CAST 40-AL FURN-A-RAM Pacocast 28 LI



Insulating Materials

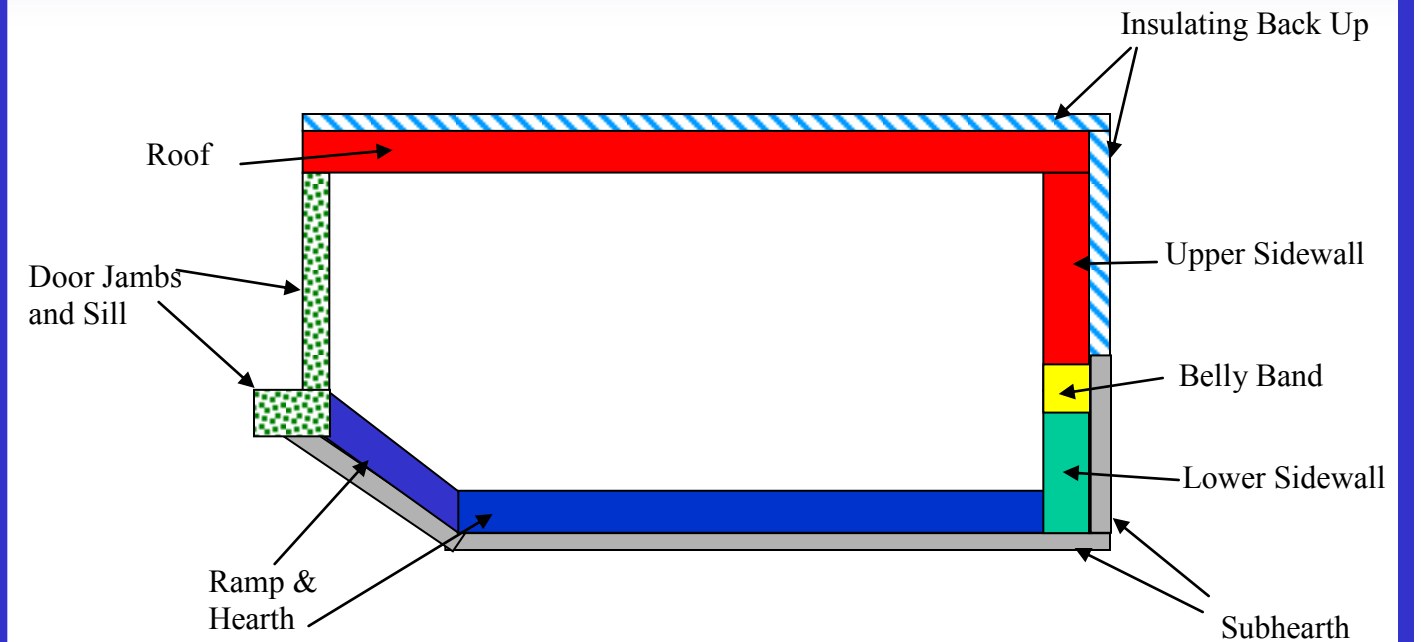
Insulating back up materials for the non-metal contact areas of the upper sidewalls and roof require low thermal conductivity to maximize energy savings, good strengths, and ease of installa-

Metal Contact

The metal contact areas of the furnace are the most critical areas for design of refractories. The ramp, hearth, lower sidewall and bellyband areas each have their unique operating conditions. Selection of refractory is heavily dependent upon the particular operating furnace parameters and a balance between price and performance is required. RESCO has a broad range of both brick and castables to meet each individual requirement.

Zone	Castable	Brick	Mortar	Plastic	Maintenance	Cast, Pump, and Spray
Ramp and Hearth	FURNACON 70Z FURNACON 70 FURNACON 60B	Lo-Sil Super Rescal 80 PA Furnal HS Rescal 80 BP	Adaphos 85 Rescoset 90P Rescoset 80P ALUTAB			FURNA ³ 65 FURNA ³ 85 FURNA ³ R-Max QuikTurn 65 PCA FURNA ³ 85 QT
Lower Side-wall	FURNACON 70Z FURNACON 70 FURNACON 60B	Lo-Sil Super Rescal 80 PA Furnal HS Rescal 80 BP	Adaphos 85 Rescoset 90P Rescoset 80P ALUTAB	Rescoram 85 Rescoram 85S	Rescobond 3000A Rescobond 3000AG Rescobond 70A Rescobond 90A ProGun 80-AL	FURNA ³ 65 FURNA ³ 85 FURNA ³ R-Max QuikTurn 65 PCA FURNA ³ 85 QT
Belly Band	FURNACON 70Z FURNACON 70	Lo-Sil Super Rescal 80 PA Furnal HS Rescal 80 BP	Adaphos 85 Rescoset 90P Rescoset 80P ALUTAB	Rescoram 85 Rescoram 85S	Rescobond 3000A Rescobond 3000AG Rescobond 70A Rescobond 90A ProGun 80-AL	FURNA ³ 65 FURNA ³ 85 FURNA ³ R-Max QuikTurn 65 PCA FURNA ³ 85 QT

Aluminum Melting and Holding Furnace



Upper Sidewall and Roof

The non-metal contact areas of the furnace are exposed to higher operating temperatures and corrosive alkali attack. The creep behavior and alkali attack resistance are critical properties.

Zone	Castable	Brick	Plastic	Maintenance	Pumpable and Sprayable
Upper Sidewall and Roof	Vibrocast 60 KRICON 30 EZ CAST 3000 QuikTurn 32-70	Seneca 60 P Seneca 60 Alumex 70E	Rescoram 85 Rescoram 70 Blue	Rescobond 3000 Rescobond 3000G Quikturn 60G	Vibrocast 60 PC EZ ³ 60 LQY QuikTurn 60PC QuikTurn 32-70 PC

Door Jambs and Sills

These areas are exposed to both mechanical abuse and thermal shock. The critical design properties are hot strength, abrasion resistance and thermal shock resistance.

Zone	Castable	Plastic	Maintenance	Pumpable and Sprayable
Door Jambs and Sill	Vibrocast 56 SC	Rescoram 85 Rescoram 80 SC	Rescobond 3000AG Quikturn 56SCG	EZ ³ 56 SCPC QuikTurn 56SCPC