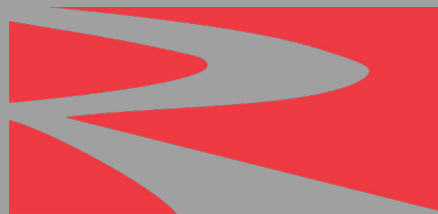


Heaters & Boilers

High Performance Refractories



RESCO
PRODUCTS (UK) Ltd.

www.RescoProducts.com

Heaters & Boilers

Refractory Products

Purotab
 Rescocast 17AC
 Rescocast 3
 Rescocast 3 PC
 Rescocast 3-35
 Rescocast 3-35P
 Rescocast 3-35PC
 Rescocast 4 LI
 Patriot
 Patriot HF
 LW-23 LI
 LW-26
 Vibrocast 45
 Vibrocast 50
 Vibrocast 97
 Quiklite 3
 Quiklite 3PC
 Quiklite 3-35

Rescocast® 3-20R	Is a 1093°C service limit castable that can be cast or gunned. For example, when using RESCOCAST 3-20R for tunnel kiln car constructions, lighter-weight designs and energy-saving operations are achieved.
Rescocast® 3-35	Is an insulating castable with a maximum operating temperature of 1903°C and good strength-to-density ratio. It has been used as an insulating material in bi-wall linings, and also as a single component lining where erosive conditions are not severe. Unlike loose fill or insulating block, RESCOCAST 3-35 will not settle or disintegrate under adverse conditions. This product can be cast or gunned into place.
Rescocast® 3-35P	Is a 1903°C service limit, 464 kg/m ³ , gunite castable, recommended as a backup insulating material in dual-component linings or for single-component linings where erosion conditions are mild. RESCOCAST 3-35P will not settle or disintegrate under adverse conditions. Specify RESCOCAST 3-35PC for pump-casting installations.
Quiklite 3-35P	This is a rapid heat up version of RESCOCAST 3-35PC
Rescocast® 3	Is a multi-purpose, 1315°C service limit, 961 kg/m ³ , insulating castable with a cost-effective balance between moderate strength and lower “K” Factor. This product has been used with reliability for many years as a single-layer lining in crude heaters, furnaces and other process vessels or as the backup layer in dual-component linings. A special pump-cast version, Rescocast 3PC , is available; it can be cast, pumped, or shotcreted.
Quiklite 3	This is a rapid heat up version of RESCOCAST 3 .
Quiklite 3 PC	This is a rapid heat up version of RESCOCAST 3 PC .
Rescocast® 4LI	is a low-iron, 1426°C service limit, 1073 kg/m ³ , insulating castable which was formulated for use in controlled-atmosphere applications, such as methane, hydrogen and carbon monoxide. It has been used successfully in many heater applications including prefabricated panels and pump-cast arch roof installations. This product can be installed by casting or gunning.
Vibrocast 45	Vibrocast 45 is a 1600°C low cement castable which is ideally grain sized to give minimum porosity and linear change with maximum density and high fired strengths. It is particularly easy to install, is tolerant to mixing water fluctuations and has excellent abrasion and alkali resistance.
Vibrocast® 50	This 1648°C low cement product offers excellent alkali resistance, and it can withstand severe high temperature corrosive and erosive environments.
Vibrocast 97	is a low-cement, 97% alumina vibratable castable designed to give minimum porosity and linear change with maximum density and super high fired strengths. This material can withstand the severe high temperature corrosion and erosion that are common in today’s Steel Industry.
Puro-Tab	Is a high purity, low iron, 94% alumina castable designed specifically for use at temperatures up to 1870°C. It is highly resistant to reducing atmospheres as well as high sulfur fuels and charge stocks. Due to its low silica content, it withstands hydrogen atmospheres where silica reduction often occurs. PURO-TAB has good volume stability with very good resistance to thermal shock.
Rescocast® 17 AC	95% alumina, cement-bonded monolith with a maximum service temperature of 3400°F (1870°C). The trace amounts of iron oxide and silica contents (<0.1% each) make it suitable for application in hydrogen and carbon monoxide-rich, reducing atmospheres.
Patriot & Patriot HF	The outstanding properties of super duty fireclay brick are high refractoriness, strength, and high temperature volume stability and low thermal conductivity. PATRIOT is a 47% alumina brick. PATRIOT HF is similar, but with a higher firing temperature to provide resistance to carbon monoxide gas disintegration, low porosity, and hot load bearing characteristics.
LW-23 LI & LW-26	These insulating firebrick have 1260°C and 1426°C temperature limits, respectively. They offer good insulating characteristics with good strength in a finished brick, available in multiple sizes.

Heaters & Boilers

Refractory Products

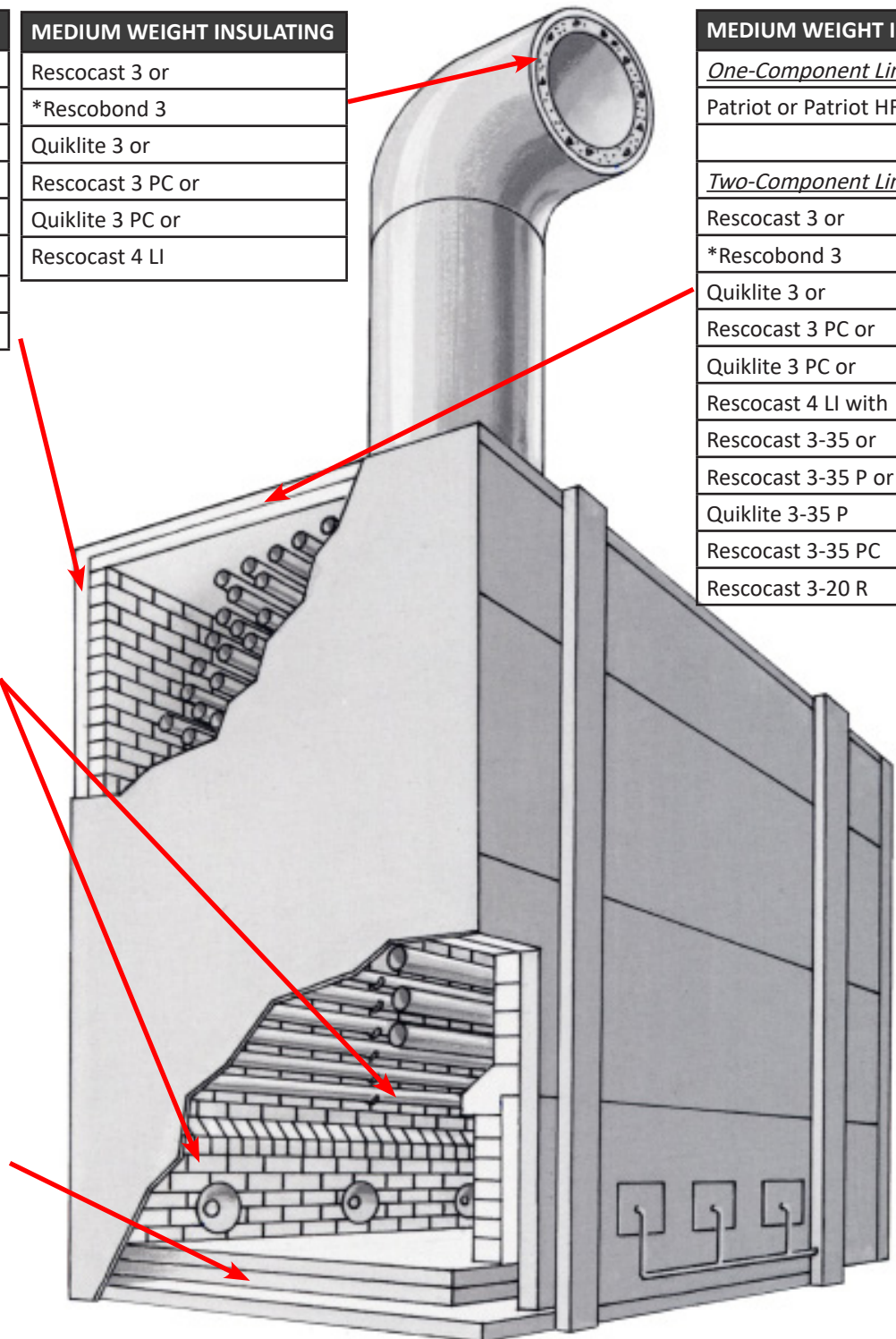
MEDIUM WEIGHT INSULATING
<u>Two-Component Lining</u>
Patriot or Patriot HF
With
Rescocast 3-35 or
Rescocast 3-35 P or
Quiklite 3-35 P
Rescocast 3-35 PC
Rescocast 3-20 R

MEDIUM WEIGHT INSULATING
Rescocast 3 or
*Rescobond 3
Quiklite 3 or
Rescocast 3 PC or
Quiklite 3 PC or
Rescocast 4 LI

MEDIUM WEIGHT INSULATING
<u>One-Component Lining</u>
Patriot or Patriot HF
<u>Two-Component Lining</u>
Rescocast 3 or
*Rescobond 3
Quiklite 3 or
Rescocast 3 PC or
Quiklite 3 PC or
Rescocast 4 LI with
Rescocast 3-35 or
Rescocast 3-35 P or
Quiklite 3-35 P
Rescocast 3-35 PC
Rescocast 3-20 R

DENSE, THERMAL SPALL RESISTANT
Kricon 28 or
Vibrocast 50 or
Vibrocast 97 or
Purotab or
Rescocast 17AC
*Rescobond 3000G
Quikturn 45

MEDIUM WEIGHT INSULATING
Rescocast 3 or
Quiklite 3 or
Rescocast 3 PC or
Quiklite 3 PC
Rescocast 4 LI



* Ideal for Maintenance

RESCO PRODUCTS LOCATIONS

Purotab
 Rescicast 17AC
 Rescicast 3
 Rescicast 3 PC
 Rescicast 3-35
 Rescicast 3-35P
 Rescicast 3-35PC
 Rescicast 4 LI
 Patriot
 Patriot HF
 LW-23 LI
 LW-26
 Vibrocast 45
 Vibrocast 50
 Vibrocast 97
 Quiklite 3
 Quiklite 3PC
 Quiklite 3-35



◆ Manufacturing Locations ◆ Mining Locations
 ★ RESCO Corporate Headquarters

★ Pittsburgh, PA Phone: 888-283-5505 Fax: 412-494-4571	◆ East Canton, OH Phone: 330-488-1226 Fax: 330-488-6042	◆ New Castle, PA Phone: 724-652-6668 Fax: 724-652-6664	◆ Tarentum, PA Phone: 724-224-8800 Fax: 724-224-3353
◆ Santa Fe Springs, CA Phone: 562-802-2463 Fax: 562-802-0315	◆ Moulton, AL Phone: 256-974-3731 Fax: 256-974-5880	◆ Hammond, IN Phone: 219-844-7830 Fax: 219-844-7246	◆ Greensboro, NC Phone: 336-854-5916 Fax: 336-855-5979
◆ Oak Hill, OH Phone: 740-682-7794 Fax: 740-682-6438	◆ Hillsborough, NC Phone: 919-732-3981 Fax: 919-732-9414	◆ Canada Customer Service Phone: 450-691-2933 Fax: 450-691-2966	◆ Newbold, UK 🇬🇧 Phone: 44 1530 222694

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 Nationals product lines allows Resco to offer a comprehensive range of products, and dolomite products are available.

Newbold Works
 Melbourne Road Lount
 Ashby-de-la-Zouch
 Leicestershire LE65 1PL

Resco Products (UK) LTD
 +44 (0) 1530 222694
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