



REFRACTORIES —FOR— Refining and Petrochemical



ALLIED
MINERAL
PRODUCTS

Global **Refractory** Solutions



ABOUT ALLIED

Allied Mineral Products is a world leader in the design and manufacture of monolithic refractories and precast shapes. With strong sales and service teams in the aggregate processing, foundry, aluminum, steel, and heat treat/forge markets, our success is based on our dedication to *Being There Worldwide with Refractory Solutions*.

Producing quality, consistent products is top priority at Allied and we have the products to meet your refractory needs. Our extensive product line includes innovative refractory technology and longstanding refractory alternatives.

Allied's focus on quality at every stage in the production process is unparalleled. A stringent raw material standard and global quality control testing before and after each batch is produced, provides customers with consistent products. We provide quick response times to any urgent request through flexible manufacturing systems at all our manufacturing facilities.

Global **Refractory** Solutions



Carbon Monoxide Boilers (COB) require refractories to provide thermal insulation, abrasion resistance, and thermal shock resistance. Allied Mineral Products supplies versatile refractory monolithics for oxidizing and reducing conditions to optimize performance and reliability in thermal oxidizers.

Superheater Sidewalls

PETROMAX® FAST 600 LT

PETROMAX® FAST 800 LT

Firebox/Radiant Sidewalls

PETROMAX® 2450

PETROMAX® FAST 600 LT

PETROMAX® 2890 G

PETROMAX® 65 G

AMP 23 IFB, AMP 26 IFB, AMP 28 IFB

Floor

PETROMAX® 2450

PETROMAX® FAST 600 LT

PETROMAX® KAST 28 P

Burners

PETROMAX® RAM 70 P

PETROMAX® RAM 90 P

PRECAST SHAPES

Gas Inlet Duct

PETROMAX® 110 C

PETROMAX® 110 G

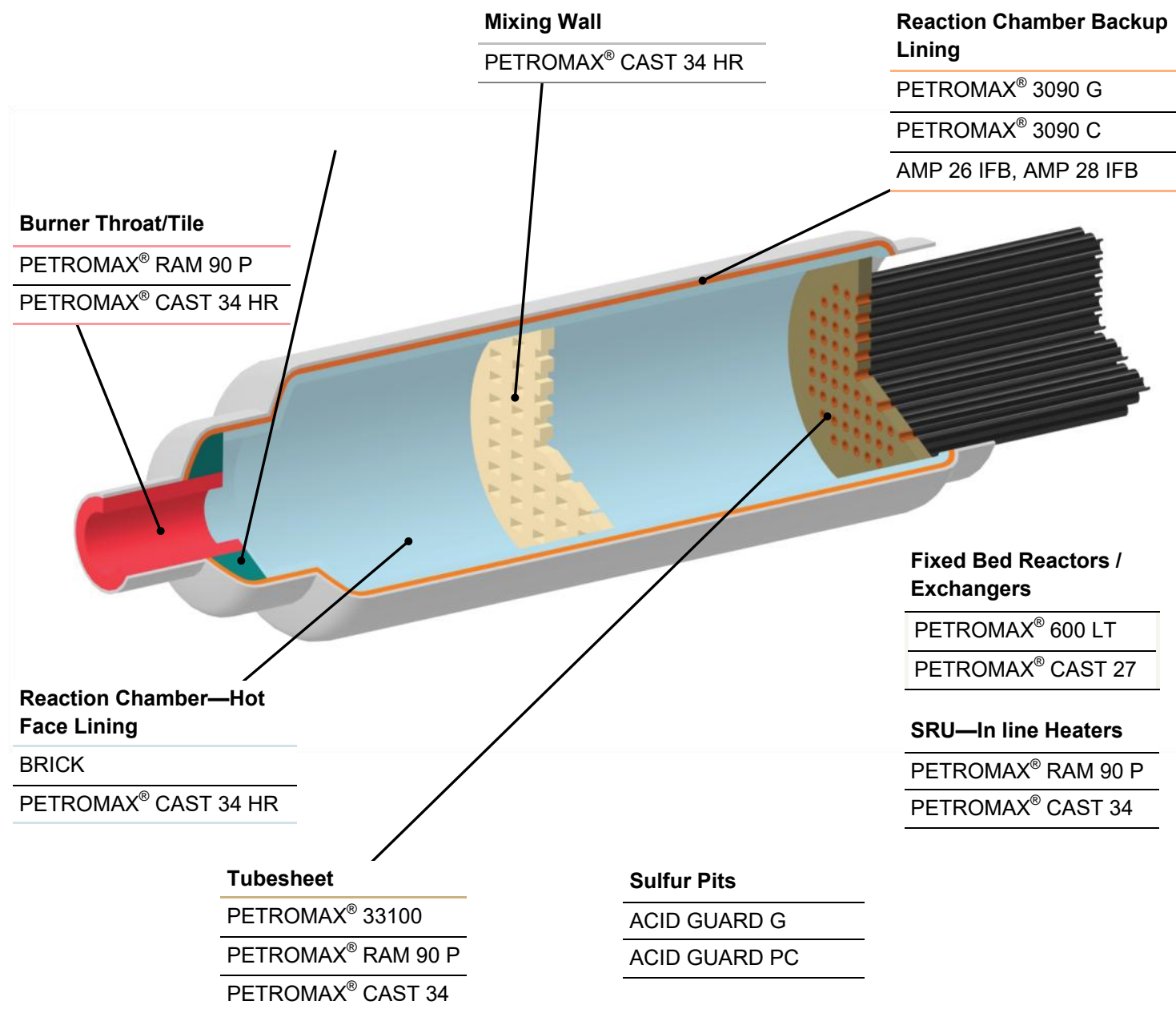
PETROMAX® FAST 50

PETROMAX® FAST 50 G



Global **Refractory** Solutions

Sulfur Recovery Units (SRU) require refractories to provide insulative and wear protection for the reaction vessel and control the incineration of the incoming process stream of Hydrogen Sulfide. Allied Mineral Products supplies refractory monolithics required for every aspect in a SRU. Ready to install monolithics and precast shapes are available.



Allied Mineral Products provides versatile refractory monolithics for every aspect of fired heater systems, including radiant section, convection section, breaching, ducts, and stacks. Fast fired products are available for reduced turnaround time.

Stack

PETROMAX® 19L
PETROMAX® 2025
ACID GUARD PC
ACID GUARD G
PETROMAX® FAST 600LT

Bridgewall

PETROMAX® FAST 600LT
PETROMAX® FAST 800LT
PETROMAX® 2890G

Convection Section

PETROMAX® 2025
PETROMAX® 2450
PETROMAX® FAST 600LT

Radiant Section

PETROMAX® 2450
PETROMAX® FAST 800 LT
PETROMAX® 2890G

Burner

PETROMAX® RAM 70 P
PETROMAX® RAM 90 P
PRECAST SHAPES

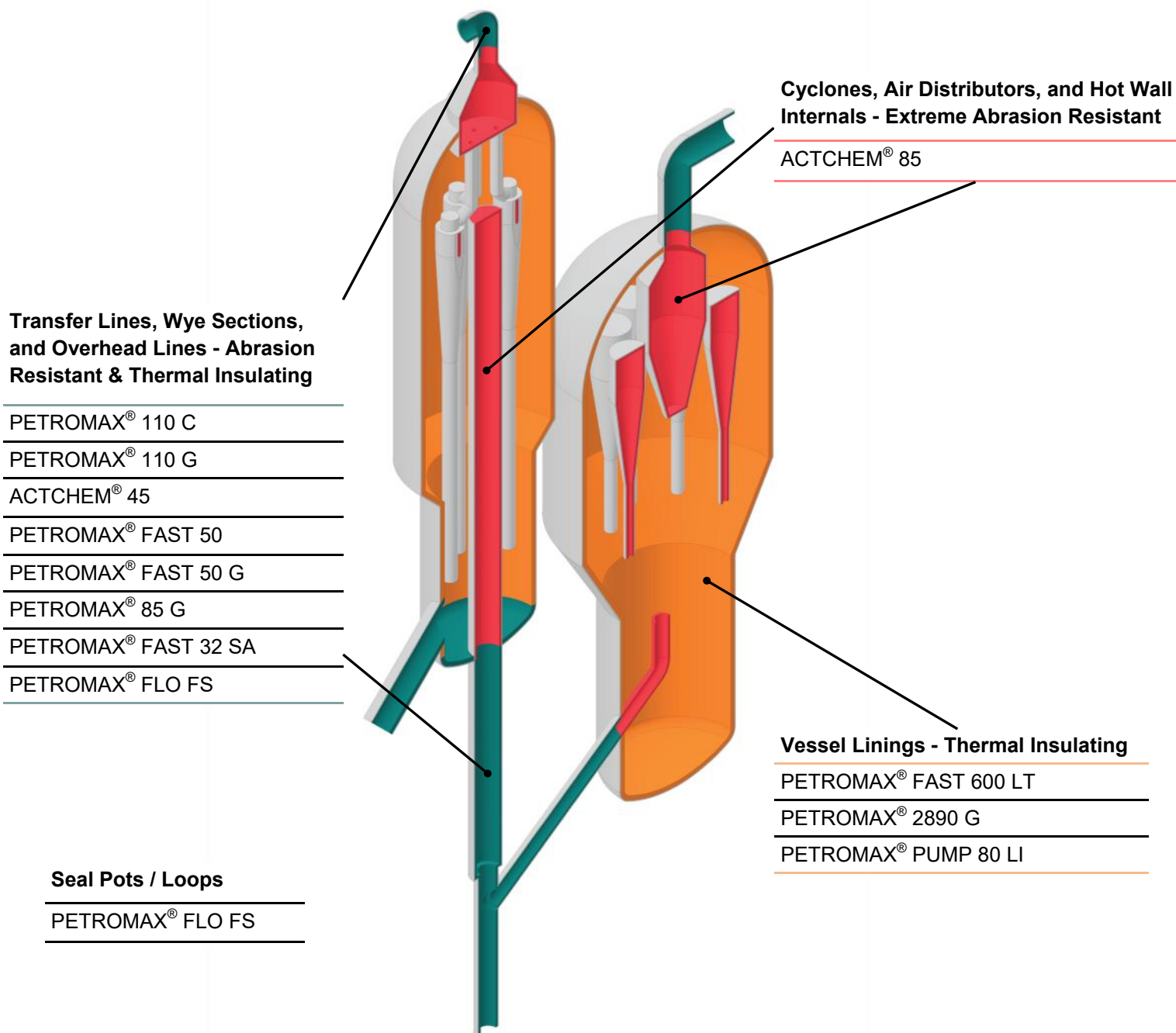
Floor

PETROMAX® 2450
PETROMAX® FAST 600 LT
PETROMAX® KAST 28P



Global **Refractory** Solutions

Fluid Catalytic Cracking Units (FCCU) require refractories to provide thermal insulation and erosion resistance. This includes the vessel walls, cyclones, transfer lines, grids, risers, and flue gas lines. Allied Mineral Products supplies refractory monolithics required for every aspect in a FCCU. These versatile products can be installed by hand packing, casting, gunning, shotcreting, and self-flow. Fast firing products are available, allowing for reduced turnaround time.



Global **Refractory** Solutions

Refractory Solutions for *Reformer and Cracker Furnaces*

Reformer and Cracker Furnaces require refractories to provide thermal insulation and high strength for demanding applications including Steam Methane Reformers (SMR) and ethylene crackers. Allied Mineral Products supplies refractory monolithics required for every aspect of these operating units including fire boxes, floors, and target walls. Ready to install monolithics and precast shapes are available.

Convection

PETROMAX® 2250
 PETROMAX® 2450
 PETROMAX® FAST 600 LT

Radiant Section

PETROMAX® FAST 600 LT
 PETROMAX® FAST 800 LT
 PETROMAX® 2890 G
 PETROMAX® 65 G
 PETROMAX® 85 G

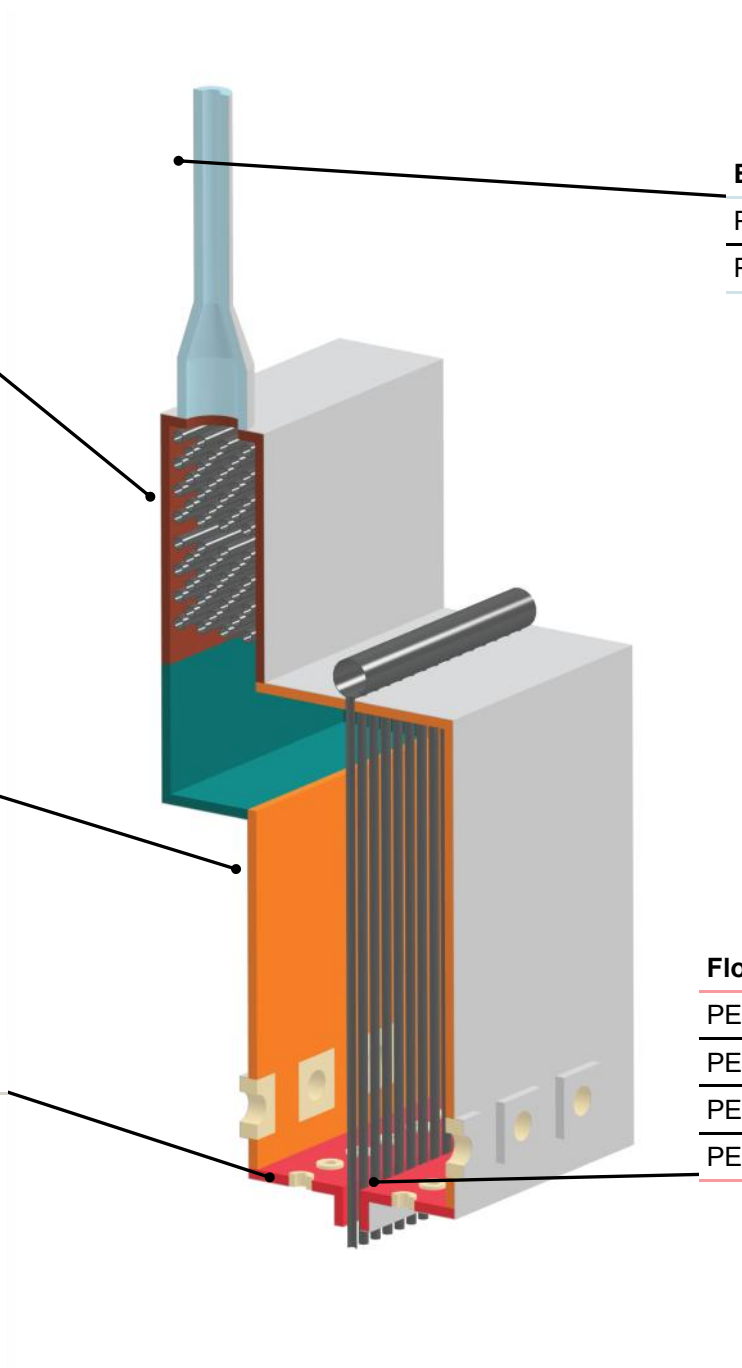
Precast Burner Block Shapes

Breaching/Stack

PETROMAX® 19 L
 PETROMAX® 2250

Floor

PETROMAX® 2450
 PETROMAX® FAST 600 LT
 PETROMAX® PUMP 80 LI
 PETROMAX® KAST 28 P



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Global **Refractory** Solutions



Scan to view our locations

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