



Case History No. 14

It's Cheaper Than Paint

Custom Products

Hand Made Quality

Rapid Response

Experienced Service

Customer Need: Improved Appearance of Pre-Cast Shapes

Solution 1: Develop & Evaluate High Temperature Cover Mix for Sealing Hairline Cracks

Solution 2: Develop & Evaluate High Temperature Cover Mix for Patching Voids & Rebuilding Broken Corners

Solution 3: Modify a Mix to Include Aluminum Penetration Inhibitors

Result: WAM® HTC SA , WAM® HTC AA & WAM® HTC AA/AL

Mullite Based Refractories

Bauxite and Clay Based Refractories

Enhanced Monolithic Technology Castables

Finished Refractories

Gunning Mixes

Aluminum Resistant Castables

Westmoreland Advanced Materials™

Phone: 724-339-2040

Fax: 724-339-2042

Email:

get.help@westadmat.com

On the Web:

www.westadmat.biz

Westmoreland Advanced Materials, LLC

210 C Schreiber Industrial Park

Arnold, PA 15068

Westmoreland Advanced Materials does not manufacture pre-cast refractory shapes, but we know how to make them sell better. Our customers helped us understand while telling us about their needs.

Product Development is a co-operative activity at Westmoreland Advanced Materials, and after listening to our customers, our guys went to work to develop a product that is easy to use, and makes pre-cast parts look clean and polished, so your reputation does too.

WAM® HTC SA is designed to be applied to high alumina shapes just as you might apply paint with a brush, roller or paint sprayer. When thinned it will fill in minor cracks, and after drying it can be sanded smooth with 100 grit paper, or feathered into the surface of the part. The result is a finished, clean look that will protect and enhance your reputation as a quality supplier.

WAM® HTC AA can be applied thicker because it does not crack on drying. This allows you to apply it like a spackling mix with a putty knife to patch larger voids, or to rebuild corners or edges. If it suits your needs, add a little more water to paint the rest of the part.

WAM® HTC AA/AL has the added advantage of a multi-component additive package that combines ingredients to resist molten aluminum penetration below metal line, and reduces formation of corundum above metal line.

These mixes are water based for fast clean up, and both are over 90% alumina for use in all high temperature applications.



WAM® HTC SA, applied to castable by brush and sanded smooth after air drying, compared to mold surface.