

Calderys launches HWI Copper Refractory Products in EMEA

Calderys is pleased to announce that after extensive testing and development in Europe at the Group's Haznedar Durer manufacturing plant (Türkiye), and in the USA at its Advanced Technology Research Center (ATRC), the HWI range of primary and secondary refractory products for copper producers and copper foundries is available to the Group's EMEA customers.

Paris, France - July 23 2024 - Since February 2023, when HWI joined the Calderys Group, trans-Atlantic technical teams have worked hard on a technology exchange program to bring HWI's innovative, tried-and-tested copper refractory products and services to Calderys' EMEA customer base.

HWI copper refractory solutions are now available in EMEA in a variety of brick and castable formulations that withstand high temperatures and the erosive and corrosive effects of slag. These ground-breaking refractory products were designed to enhance the longevity of production units by providing exceptional protection in high-wear areas, in primary and secondary processes as well as in copper foundries.

"HWI has a long history of innovating refractories for copper applications, and we are proud that after extensive testing, Calderys can now bring this product range to our customers in EMEA from our Haznedar Durer production site in Türkiye." said Aurélien Cadars, Calderys Senior Vice President, EMEA.

HWI was the first to introduce Alumina-Chrome refractories to the industry, and also pioneered technology to help optimize the life of production units through specific application of products that provide extreme protection in select high-wear areas, and extend the campaign life of a unit.

"The products newly-available in the EMEA region comprise refractories engineered to meet the specific lining demands of primary smelting, anode, and secondary copper furnaces, as well as copper converters." said Salih Erez, CEO of Haznedar Durer, a subsidiary of Calderys. *"They come in addition to the bauxite and andalusite based castables that we already produce. We now have an extended and stronger offering for EMEA copper producers."*

Included in the HWI products available in EMEA is AUREX® 30 SR EU, an Alumina-Chrome brick with 30% Cr₂O₃. This product provides in-situ formation of a corrosion resistant layer that yields superior resistance to copper-oxide, which is generated during intense refining steps. It is resistant to acidic glassy slag, often generated during secondary copper refining, and is engineered with a thermal shock resistance to withstand the temperature changes inherent in batch processing.

More about HWI and Haznedar Durer

HWI, a member of Calderys, is the largest supplier of refractory products and services in the United States, with a history that spans more than 150 years. It is the brand for the Americas region of the Calderys Group.

Haznedar Durer Refractories is a Turkish subsidiary of Calderys supplying high-grade basic and acidic bricks, as well as alumina silicate-based monolithics to the iron & steel, cement and petrochemical industries.



The Calderys Group is now bringing HWI refractory products to EMEA customers, supporting them in maintaining a high level of furnace productivity



About Calderys

Calderys is a leading global provider for industries operating in high-temperature conditions. The Group specializes in thermal protection for industrial equipment with a wide range of refractory products and advanced solutions to enhance steel casting, metallurgical fluxes, and molding processes. With a presence in more than 30 countries and a strong footprint in the Americas through the brand HWI (HarbisonWalker International), Calderys' international network of experts ensures an end-to-end offer with tailored services. Drawing on over 150 years of experience, Calderys supports its customers in their energy transition needs. Headquartered in Paris, France, the Group counts 5,800 employees and contractors and 50 plants on five continents.

For more information, visit www.calderys.com

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