Arduris Ceramics

INDUSTRIAL LINING SOLUTIONS

ENGINEERED FOR CHEMICAL & THERMAL RESISTANCE

DURABLE SOLUTIONS FOR DEMANDING INDUSTRIES

ACID PROOF BRICKS

High density, low porosity ceramic brick engineered for superior resistance to inorganic acids and harsh industrial environments.



EXCELLENT CHEMICAL RESISTANCE

LOW POROSITY **HIGH** DENSITY

THERMAL **STABILITY**

CLEAN SURFACE **EASY** MAINTENANCE

TECHNICAL PROPERTIES

Bulk Density (g/cm³)	2.2 - 2.4
Apparent Porosity (%)	< 1
Cold Crushing Strength (MPa)	> 150
Acid Resistance	Excellent (H_2SO_4, H_3PO_4, HCl, etc.)
Maximum Service Temperature (°C)	1250

Values are typical and may vary depending on production batch and application conditions.

KEY ADVANTAGES

- High resistance to inorganic acids
- Low porosity and high density
- Stable performance in aggressive environments
- Suitable for brick linings, floors and tanks
- Long service life and low maintenance

TYPICAL APPLICATIONS



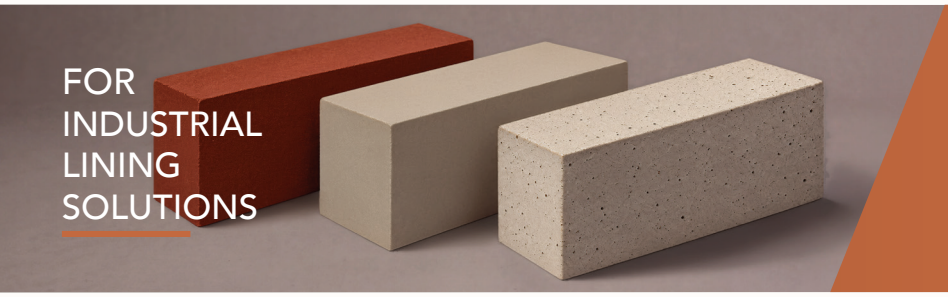
Acid Storage Tanks



Process Channels



Industrial Floors



FOR INDUSTRIAL LINING SOLUTIONS

CHEMICAL RESISTANCE

THERMAL STABILITY

LONG SERVICE LIFE