

PRODUCT INFORMATION SHEET



CALDE® SEAL

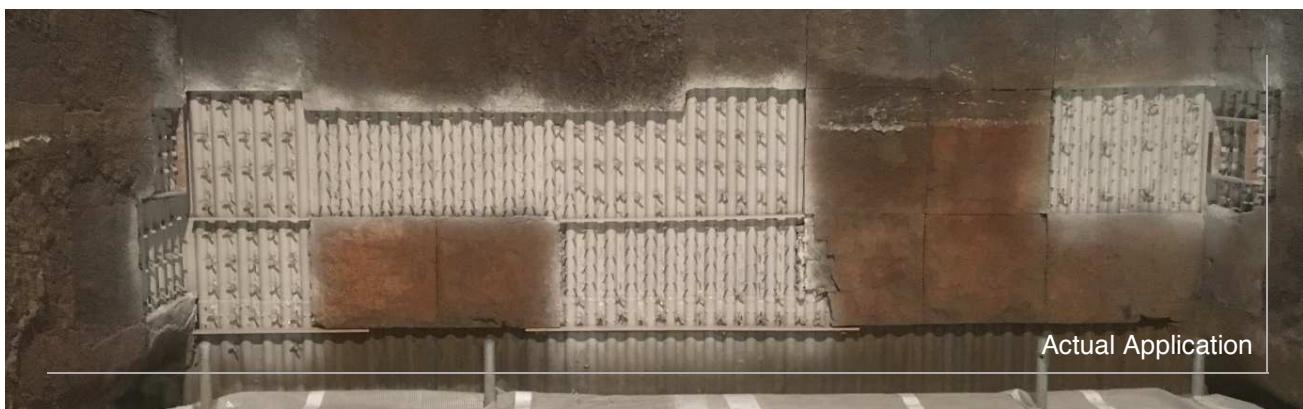
Anticorrosive Ceramic Paints

PRODUCT DESCRIPTION

- Our **CALDE® SEAL (Steel Encapsulation and Alkali-resistant Layer)** product range comprises few different products based on the type of bond. **CALDE® SEAL H** (chemical bond) and **CALDE® SEAL L** (cement bond) are coatings that protect metallic parts lining against corrosion and alkali attack.
- **CALDE® SEAL H** products are better suited for spray gun or brush application and in cases where a refractory will be applied afterwards.
- You can use **CALDE® SEAL L** for areas where no refractory lining will be applied afterwards and the covered surfaces will remain naked.

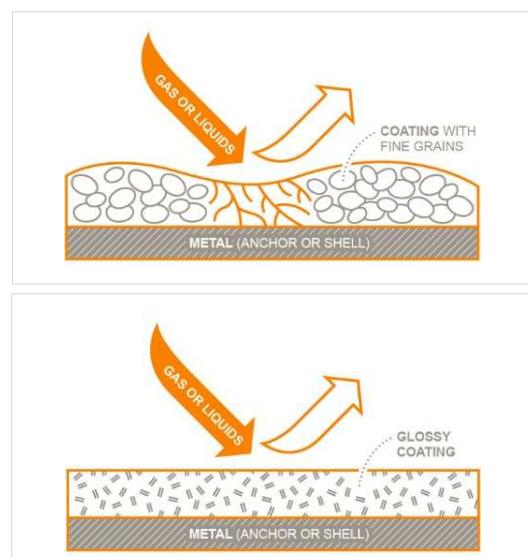
Patented Technology

Calderys has patented the technology that forms an impervious and glassy coating at quite low temperature (starting ~ 250°). The coating acts as a barrier and allows **NO** or **VERY LOW** penetration of aggressive gases and liquids leading to increased lifetime of the tubes.



MAJOR BENEFITS

- **Decreased downtime:**
CALDE® SEAL protects the metallic parts against corrosion which increases the lifetime of your parts and decreases the need for replacement and thus the downtime of the equipment.
- **Less refractory maintenance:**
Using our product also leads to a decline of refractory lining failures due to anchors degradation.
- **Savings:**
We have developed CALDE® SEAL to provide to you economic benefits through increased performance and decreased downtime of your equipment.



TYPICAL USE AND APPLICATION

We have specifically developed this product to be used in all areas with high risk of corrosion problems like alkali and/or acid corrosion and alkali attack. You can apply CALDE® SEAL on naked steel or behind refractory lining. To optimize your work process you can also choose to paint your parts before they are being installed.



How to apply CALDE® SEAL?

- CALDE® SEAL requirement ~2kg/m²
- Mix with water as per product specifications
- Apply like a paint – by brush, roller, or spray gun
- Apply 2-3 layers to create a fine film of 2mm in total
- Allow the product to dry for 1-2h after all layers have been applied

