

ChemLINE 784®

Typical features

A high functionality, two component thermoset polymer coating that is formulated with a unique polymer. It comes with very low VOCs and shows an exceptional chemical resistance against:

- Acids
- Alkalis
- Solvents (including the organics)

The system provides a smooth, semi-gloss finish that can easily be cleaned and decontaminated. With its unique cross-linked density of 784 cross-links, the material provides unprecedented resistance, even at elevated temperatures. More than 4.000 chemicals and products have already successfully been tested. Please contact us for precise information on chemical resistance!

Properties

Characteristic:	Organic polymer cross-linked with inorganic polymer
Colour:	Red (1 st layer) and grey (2 nd layer)
pH Value:	1 to 14
Layer thickness:	250 – 1.000µm
Dry heat range:	-50°C to +200°C (depending on product)
Temp. range liquid:	~ 40°C; ambient (depending on product)
Pre-treatment:	anti-corrosive sandblasting (DIN EN ISO 12944-4)
Heat cure:	122°C to 150°C
Porosity testing:	3.000 volts DC pre-final cure 1.500 volts DC subsequent

Areas of application

- Transportation of chemicals
- ISO Tank Containers, IBCs, SPTs, MPTs, Bulk Chemical Storage Tanks, Process Reactors, Scrubber Columns and many more.

The planning and manufacturing of components to be coated are subject to the DIN EN 14879-1 norm.