

February 28, 2023

atlas INSIDER



CHEMPRUF Thermoset Resin Linings & Membranes

Atlas CHEMPRUF Coatings and Linings are designed to protect metal and concrete from corrosive attack. These systems use the latest resin technology to shield substrates from a broad range of chemicals.

CHEMPRUF systems can be used in immersion service to 210° F (99° C) and vapor or dry heat service to 350° F (177° C).

CHEMPRUF Hybrid systems use combinations of CHEMPRUF 2001 and 100 Series systems for optimal performance in specific operating conditions.

CHEMPRUF systems can also be used as a membrane in conjunction with acid brick and mortar to provide a secondary layer of protection for specific chemical-resistance requirements.



CHEMPRUF 100 Series

- Suitable for immersion
- Fiberglass flake reinforced, hi-build coatings
- 20 to 60 mil final thickness
- Brush, roller or spray applied
- USDA certifiable

Options within the 100 Series:

Chempruf 121 Novolac Epoxy
Chempruf 130 Polyester
Chempruf 141 Novolac Vinyl Ester



TYPICAL APPLICATIONS: Interior & Exterior of Storage Tanks, Wastewater Holding Tanks, Containment Dikes, Structural Steel, Floors and Walls.

CHEMPRUF 1000 Series

- Fiberglass flake reinforced linings
- Suitable for immersion
- 60 to 100 mil final thickness
- Applied to concrete or steel substrates
- USDA Certifiable

Options within the 1000 Series:

Chempruf 1300 Polyester
Chempruf 1410 Novolac Vinyl Ester



TYPICAL APPLICATIONS: Storage Tanks, Scrubbers, Clarifiers, Containment Dikes, Trenches, Sumps, Floors & Walls

CHEMPRUF 2000 Series

- Multiple layers of fiberglass mat reinforced linings
- Suitable for severe thermal and chemical conditions
- 1/8" final thickness
- Applied to concrete or steel substrates
- USDA certifiable

Options within the 2000 Series:

Chempruf 2300 Polyester
Chempruf 2410 Novolac Vinyl Ester



TYPICAL APPLICATIONS: Storage Tanks, Scrubbers, Process Vessels, Clarifiers, Trenches, Sumps

CHEMPRUF 2001 Series

- Fiberglass mat reinforced linings
- Suitable for severe thermal and chemical conditions
- 1/8" final thickness
- Applied to concrete or steel substrates
- For fluorides and high alkaline environments, Chempruf 2201 C and 2211 C Carbon-Filled Systems are available
- For abrasive slurries and high velocity air containing particulates, use Chempruf 2001 AO Series
- USDA certifiable

TYPICAL APPLICATIONS: Storage Tanks, Scrubbers, Containment Dikes, Clarifiers, Trenches, Sumps

Options within the 2001 Series:

Chempruf 2101 & 2102 Furfuryl Alcohol

Chempruf 2211 Novolac Epoxy

Chempruf 2301 Polyester

Chempruf 2411 Novolac Vinyl Ester



For specific applications please visit our main webpage @ www.atlasmin.com and click on the CCM tab then onto the Linings & Membranes title for all the specific data sheets, installation instructions, and detailed Chemical Resistance charts.

