

# Plasite® 7122 VOC Series



**Plasite 7122 VOC series, a higher solids alternative to the Plasite 7122 series. These high performance epoxy-phenolics provide exceptional long term corrosion protection to a variety of chemicals and products while reducing VOC emissions.**

**PRODUCT DETAILS** Plasite 7122 VOC is an epoxy phenolic cross linked tank lining and maintenance coating. The coating provides exceptional long term protection for a variety of chemicals and products. The system is applied in two coats total film thickness 12 to 15 mils (300 to 375µ).

Plasite 7122 VAR is an excellent tank lining and industrial maintenance coating that is used where additional abrasion resistance is required. Plasite 7122 VAR can be applied as a two coat system or as a top coat for Plasite 7122 VOC.

Plasite 7122 VTF is a PTFE filled tank lining and industrial maintenance coating that is used where additional product release is required to reduce product sticking or bridging. Plasite 7122 VTF can be applied as a two coat system but is generally applied as the top coat for Plasite 7122 VOC.

Plasite 7122 VOC series was expressly developed and tested to be versatile products for a variety of markets and environments. They can be used as tank linings, pipe linings, exterior protective coatings for piping, tanks and process equipment in the chemical processing and food and beverage industries. They also have dry film resistance 350°F (176°C) for short periods, 300°F (149°C) contiguous.

All systems meet the FDA requirements for 21 CFR 175.300 food grade service.

## APPLICATIONS

- CHEMICAL PROCESSING FACILITIES
- OIL AND GAS REFINING FACILITIES
- POWER INDUSTRY AND DI WATER TANKS TO 150°F (65°C)
- FOOD AND FOOD GRADE LIQUIDS PROCESSING FACILITIES
- BEVERAGE STORAGE TANKS SUCH AS WINE, COLA, VEGETABLE JUICES, SYRUPS
- PIPELINES INSIDE AND OUTSIDE
- TRANSPORTATION EQUIPMENT RAIL TANK CARS, CONTAINERS, MARINE ENVIRONMENTS, AND TRUCK TRAILERS

## FEATURES

- › High Solids (75% +2% SBV) and Low VOC 1.76 lbs/gal (212 g/l)
- › Excellent chemical resistance to a wide range of acids, alkalis and solvents within chemical processing areas and the food and beverage industry
- › Self priming and applicator friendly
- › Dry film resistance 350°F (176°C) for short periods, 300°F (149°C) continuous
- › Excellent abrasion and thermal shock properties
- › Extensive testing data to aid in service recommendations
- › All systems meet FDA requirements for 21 CFR (175.300)

# Plasite® 7122 VOC Series

## Quality Product Backed by Quality Service

- › Carboline Company has been solving tough corrosion and fireproofing problems since 1947
- › Industrial service centers and sales offices located around the world
- › Over 20 worldwide manufacturing locations with a global network of sales and technical support
- › Industry leading field service and technical engineering support team
- › Certified to ISO 9001

## Reasons To Use Plasite 7122 VOC Series

PERFORMANCE FEATURE	ADVANTAGE	BENEFIT
Wide range of chemical resistance	Same coating can be used in multiple tanks and locations	Simplify project specifications
PL 7122 VAR, abrasion resistance tank lining	The coating can be used in areas of high abrasion	The abrasion resistance properties allows the coating to last longer
PL 7122 VTF, PTFE filled tank lining	Allow a better release of the commodity	The tank lining will reduce product sticking or bridging in service
High solids coating	Low VOC and HAP's level	Meets VOC and HAP's regulations in most areas
Meets FDA 21 CFR 175.300	Meets food grade service requirements	The lining can be used throughout food processing facilities using one system

SERVICE	TEMPERATURE
Alkyl Benzene Sulfonate Sodium Salt (Linear)	150°F/65°C
Aluminum Ammonium Sulfate 50%	75°F/24°C
Aluminum Nitrate 50%	105°F/40°C
Aluminum Sulfate 49%	150°F/65°C
Ammonium Nitrate 65%	150°F/65°C
Ammonium Sulfate 65%	150°F/65°C
Benzene	105°F/65°C
Butyl Acetate - N	75°F/24°C
Calcium Chloride 50%	75°F/24°C
Citric Acid 50%	105°F/65°C
Copper Sulfate 50%	150°F/65°C

SERVICE	TEMPERATURE
Crude Oil	180°F/82°C
Cyclohexane	105°F/40°C
Diacetone	105°F/40°C
Diesel Oil	105°F/40°C
Ethyl Acetate	75°F/24°C
Ethyl Benzene	105°F/40°C
Ethylene Glycol	105°F/40°C
Kerosene	105°F/40°C
Lard	150°F/65°C
Latex	160°F/71°C
Lubricating Oil 90WT	100°F/38°C
Magnesium Hydroxide 10%	150°F/65°C
Magnesium Hydroxide 50%	100°F/38°C

SERVICE	TEMPERATURE
Methyl Isobutyl Ketone (MIBK)	100°F/38°C
Mineral Spirits	100°F/38°C
Propylene Glycol	105°F/40°C
Sodium Formate 60%	200°F/93°C
Sodium Hydroxide 50%	180°F/82°C
Sodium Sulfite 50%	105°F/40°C
Toluene	105°F/40°C
Urea Ammonium Nitrate	150°F/65°C
Water DI	150°F/65°C
Sea Water	150°F/65°C
Wine 8%, 10 %	75°F/24°C
Wine 18%	105°F/40°C



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