

Plasite® 4500 FS



Plasite 4500 FS is a solvent-free, fast-set, low temperature cure epoxy lining for projects that need a quick return to service.

PRODUCT DETAILS Plasite 4500 FS is an outstanding tank lining for projects that require a quick return to service. This single-coat, high-build lining is particularly suited for petroleum storage tanks with excellent resistance to crude oil, fuel oils and gasoline. It has outstanding low temperature cure properties. Most tanks can be placed back in service with an overnight cure. Its high build characteristics, working time and outstanding wetting and adhesive properties makes it ideal for tank relines where heavy pitting corrosion has taken place that require a spray/back-roll procedure.

APPLICATIONS

PETROCHEMICAL/REFINING
MARINE
METALS AND MINING
OIL AND GAS
PIPELINES & TERMINALS
POWER
PULP AND PAPER
RAILCAR
WATER/WASTEWATER

FEATURES

- › Fast-cure; fast return-to-service
- › Single coat; high build properties
- › Low temperature cure (20°F) (-7°C)
- › Outstanding resistance to crude oil, gasoline, fuel oils
- › Superior edge protection
- › Self-priming; excellent back-rolling properties

Plasite® 4500 FS

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 4500 FS

PERFORMANCE FEATURE	ADVANTAGE	BENEFIT
High build; solvent-free	Ability to fill pits, apply in a single coat without risk of solvent-entrapment	Longer service life and ease of application
Fast-set; fast cure	Fast return to service; low temperature cure	Reduces expensive downtime and extends painting season
1:1 mix ratio and plural component spray	Eliminates batch-mixing and material waste	Saves labor and money associated with mixing and disposal of unused material
Superior edge protection	Corrosion protection on areas prone to early failure	Longer service life
Excellent working time for rolling	Ability to spray apply and back-roll into pits, crevices, weld areas	Eliminate need for a separate primer; labor savings

TEST PANEL	ADHESION	RESULTS
Hardness	Shore D	80-85 typical
Adhesion	ASTM D4541	Typical: 1850 psi
Immersion	NACE TM0174 (Method B)	<p>Recommended For:</p> <ul style="list-style-type: none"> • Crude Oil to 180°F • Diesel fuel • Gasoline • Jet fuels • Biodiesel • Naptha • Kerosene



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