

# Carbotherm® 551



**A high performance, water-based insulative epoxy with excellent physical properties ideal for industrial applications.**

**PRODUCT DETAILS** Carbotherm 551 is an innovative high performance insulative coating that provides a thermal protective barrier with outstanding physical properties to handle more abusive applications. It will protect workers from hot surfaces while offering insulation properties to either hot or cold surfaces. This product will minimize solar radiation to structures or vessels and help maintain a cooler operating temperature. It has superior adhesion, chemical resistance, and physical properties (more durability) than acrylic-based products. It has superior film build properties with a quick recoat allowing faster application with fewer coats.

## APPLICATIONS

### WORKER PROTECTION

Hot process piping  
Boiler skins  
Steam generator lines/housings

### THERMAL INSULATION

LP tanks  
Pressure vessels  
Ductwork (maintain heat)  
Ceilings  
Fuel storage tanks

### SWEATING SURFACES

Condenser boxes  
Vessels

## FEATURES

- › Protects personnel; safer work environment
- › Conserves energy; reduces operating costs & saves money
- › Superior chemical resistance and physical properties
- › Low odor; Low VOC
- › Greatly reduces solar heat transfer
- › Adheres to hot and cold surfaces -60 to 350°F (-51 to 177°C)
- › Product can insulate surfaces to 350°F (177°C)
- › Prevents condensation on cold surfaces
- › Can easily be applied over complex geometries
- › Higher film build and fewer coats compared to other more labor intensive options
- › Extremely safe - contains no chlorides; no heavy metals

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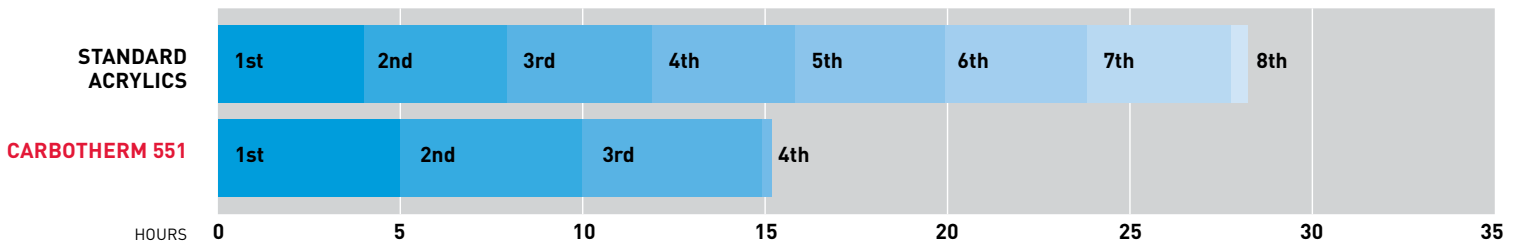
## Quality Product Backed by Quality Service

- › Carboline 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
- › Carboline is an ISO 9001:2015 certified company

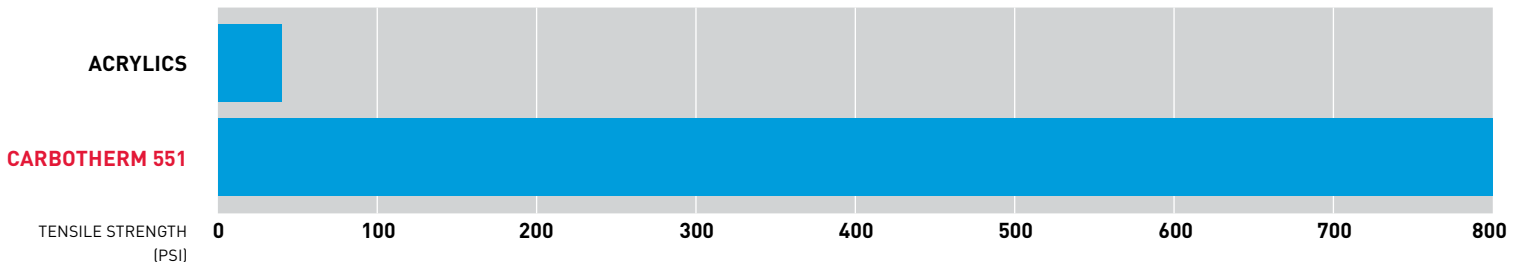
### Reasons To Use Carbotherm 551

PERFORMANCE FEATURE	ADVANTAGE	BENEFIT
Epoxy binder	Superior physical properties	Provides durability for more abusive applications
High film-build properties	Apply more thickness per coat	Saves time and money
Paint-like application	Can insulate any complex geometry easily	Less labor required compared to other hand-applied, pipe wrap, casting, or board stock insulation methods
Excellent thermal resistant properties	Greatly reduces solar heat transfer	Energy efficient; saves money

### Fewer Coats and Faster Turnaround (4 mm thickness)



### More Durability



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