



## Product Data Sheet

# Tar Gard Black - 3760

### Product Description

Tar Gard is a coal tar epoxy compound requiring a catalyst to cure the coating.

### Where to Use

This coating is formulated for immersion service and when it is applied to clean metal surfaces, it provides excellent resistance to water (both fresh and salt), acid, alkalis, oil brines, sour crude, and petroleum products.

### Product Characteristics

Color Black

Gloss Gloss

Architectural and Industrial Maintenance Category Industrial Maintenance Coatings

<u>Drying Time</u>	<u>Temperature</u>	<u>To Touch</u>	<u>To Recoat</u>
	75°F / 55% R.H.	3 Hours	24 Hours

(Cooler temperatures and higher humidity will require a longer cure time)

### Preparation & Priming

Surface Preparation Prior to application, ensure that the substrate is free from any contaminants. All damaged areas or existing paint should be in good condition. The substrate should then be prepared in accordance with SSPC-SP10 for immersion, SSPC-SP3 for non-immersion.

Primer Coats For maximum protection, use with Anchor #3900 Hi-Build Epoxy for immersion service. Consult your Anchor representative for specific job recommendations.

### Mixing & Application

Mixing/Mix Ratio Mix one part, by volume, of #3761 to three parts #3760. Mechanically agitate being careful not to mix so fast that air is entrapped.

Thinning This coating is VOC compliant; only thin if permitted by federal, state and local regulations. If necessary, use Anchor #3762.

Surface Temperature Minimum 50°F, Maximum 90°F

Recommended Thickness 8-10 mils dry

Theoretical Coverage 173 ft<sup>2</sup>/gallon at 8 mil dry, assuming no application losses. Coverage will vary depending on color, surface texture and application technique.

<u>Coverage Rates per Coat</u>	#	<u>Dry Mils</u>	<u>Wet Mils</u>	<u>Ft<sup>2</sup>/gal</u>
<u>Suggested</u>		9	10.5	153
<u>Minimum</u>		8	9.3	173
<u>Maximum</u>		10	11.6	138

<u>Application Equipment</u>	<u>Airless Spray</u>	Pressure	1800-2400 psi
		Tip	0.015"-0.021"
	<u>Conventional Spray</u>	Air Pressure	75-100 psi
		Fluid Pressure	20-40 psi
	<u>Brush</u>	Use a high quality natural china bristle brush.	
	<u>Roller</u>	Use a 1/4" synthetic nap roller cover.	

Pot Life After #3761 is mixed into the #3760, the mixture must be applied within 3 hours. This assumes the mixture is at 77°F. Pot life lengthens with cooler temperatures and shortens with warmer temperatures.

## Mixing & Application Continued

Application Considerations This type of coating cures by chemical reaction rather than oxidation. The cure time is totally dependent on the substrate temperature. The coating will not cure when the substrate is below 50°F, at 70°F cure time is approximately 7 days and at 90°F, cure time will be 3-4 days. Allow for application losses due to overspray conditions and surface texture. For immersion service, a minimum of 15 dry mils is required. For non-immersion service, a minimum of 8 dry mils is required.

## Technical Information

Solids by Volume 86.01% – when Mixed with Catalyst

AIM Category VOC Limit 3.8 lb/gal (450 g/l)

Actual VOC 1.00 lb/gal (119.8 g/l) – Mixed

Density 10.77 lb/gal (1290 g/l) – Mixed

Packaging A one gallon kit consist of a 1 gallon container of #3760 75% full and a 1 quart container of #3761 100% full. Mixing the #3761 into the epoxy container yields one mixed gallon. A four gallon kit consists of a 5 gallon container with three gallons of epoxy and a full 1 gallon container of #3761. Mixing the #3761 into the epoxy container yields four mixed gallons.

Storage Temperature Minimum 35°F Maximum 110°F

Chemical Resistance Alkalis: Excellent Acids: Very Good Water: Excellent

Heat Resistance 250°F Continuous, 350°F Spikes

## Clean-up & Storage

Cleanup Clean equipment thoroughly before and immediately after, using Anchor #3762

Storage Temperature Minimum 35°F Maximum 110°F

Shelf Life Under Normal Conditions (Unopened) – Two Years

## Safety & Important Information

WARNING! FLAMMABLE LIQUID AND VAPOR. CAUSES EYE IRRITATION. CONTAINS: ETHYL BENZENE AND XYLENE. Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea. Causes nose, eye, skin and throat irritation. Harmful if swallowed. NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Keep away from heat, sparks and flame. Vapors may cause flash fire. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources or ignition during use and until all vapors are gone. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. **Use only with adequate ventilation.** Do not breathe vapors or spray mist. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. Do not get in eyes, on skin or clothing. Wash thoroughly after handling. **KEEP OUT OF REACH OF CHILDREN.**

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead). WARNING! Sanding or scraping pressure treated lumber may be hazardous; wear appropriate protection.

Version: 7/2017

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