



Simco Coatings Inc.

Manufacturer of Military Spec.,
Corps of Engrs. Spec, Industrial, &
Marine Coatings

TECHNICAL DATA SHEET

SIMTAR-209 TWO COMPONENT, HIGH BUILD COAL TAR EPOXY

DESCRIPTION: A specially formulated anti corrosive coal tar epoxy designed to protect metal and concrete from deterioration and mechanical damage in a wide range of environmental conditions. It is suitable for use in a variety of immersion applications including: ship hulls, marine docks, offshore piling, oil refining, and sewerage treatment plants.

RECOMMENDED USES: Immersion and tank lining service, ship hulls, marine docks, offshore piling, oil refining, and sewerage treatment plants.

TECHNICAL DATA

GENERIC TYPE:	Coal tar epoxy
COLOR:	Black
FLASH POINT:	81°F (ready mixed)
SHELF LIFE:	One year
FINISH:	Semi-gloss
MIXING RATIO:	5: 1 base to hardener by volume
POT LIFE @ 77°F:	3-4 hrs.
VOLUME SOLIDS:	74 ± 1% ready mixed
WEIGHT PER GALLON:	11.6 ± 0.2
VOLATILE ORGANIC COMPOUND (VOC):	1.81 lbs./gallon or 217 g/l
RECOMMENDED DFT:	8-12 mils
THEORETICAL COVERAGE:	1100 sq. ft. / gallon @ 1 mil
DRYING TIME @ 75° F:	
A. TO TOUCH:	4 hrs.
B. TO TOPCOAT:	24 hrs.
C. TO FULL CURE:	7 days
THINNER:	Simco thinner R-200

SURFACE PREPARATION:

All surfaces must be clean, dry and free from all loose rust scale, paint or oil. For best results, abrasive blast SSPC-SP6 commercial or SSPC-70 near white.

APPLICATION:

Apply by airless spray, brush or roller.

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SAFETY PRECAUTIONS:

- (A) Use normal precautions such as gloves and facemasks
- (B) Adequate ventilation must be maintained.
- (C) Explosion proof lights and electrical equipment.
- (D) Non-sparking shoes and tools for workers in area.
- (E) This product contains flammable materials. Forbid all flames, smoking and welding in work area.
- (F) Avoid breathing of vapor, contact with skin and eyes. If product comes in contact with skin or eyes, wash thoroughly with water and obtain immediate medical attention.

NON-WARRANTY: The technical data listed herein, has been compiled for your convenience and guidance, and is based upon our experience and knowledge. However, since we have n control over the use of this information or this product, no warranty, expressed or implied, is intended or given. Simco Coatings, Inc. assumes no responsibility whatsoever for coverage, performance, or any other damages, including injuries resulting from use of this information or of products recommended herein.

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