

**PCS200**  
**EPOXY COATING SYSTEMS**  
**PRODUCT DATA SHEET**

# PCS200-95

## Hot Weather Epoxy Coating

(412) 221-4896

pipelinecoating.com

### DESCRIPTION

Designed for use in hot environments and on substrates with elevated surface temperatures. PCS200-95 has been modified on PCS200-65 chemistry to provide the excellent, single coat, high build system while maintaining workability and performance at elevated temperatures. This system has an increased pot life in extreme heat and rapid cure times that are intrinsic to the PCS line of coatings. Pot life of up to 20 minutes at 95°F (35°C). Developed for application temperatures exceeding 80°F (27°C) and service temperatures of -40°F to 190°F (-40°C to 87°C)

### PRODUCT DATA



PIPELINE  
**COATINGS**  
 SYSTEMS

### PRODUCT DATA

<b>SOLIDS</b>	100.00%
<b>MIX RATIO</b>	3 parts Comp. "A" to 1 part Comp."B"
<b>COMPONENT A</b>	
Specific Gravity	1.29
Viscosity	250,000 cPs
Color	White
<b>COMPONENT B</b>	
Specific Gravity	1.10
Viscosity	20,000 cPs
Color	White
<b>BLENDED MATERIAL</b>	
Specific Gravity	1.25
Viscosity	250,000 cPs
Color	Green
<b>CURE TIME</b>	
Pot Life @90° F (32° C)	25 Min
Surface Cure @ 77° F (25° C)	3 Hrs 30 Min
Surface Cure @ 97° F (36° C)	2 Hrs 20 Min
<b>BACKFILL TIME</b>	without preheat 2 Hrs at 95° (35°)
<small>Determined by the "thumb-nail" test. This is defined by when one can no longer make a permanent indentation in the coating with the thumb nail.</small>	
<b>RECOAT TIME</b>	
@77° F (25° C)	5 Hrs
@ 57° F (14° C)	3 Hrs
<b>THEORETICAL COVERAGE</b>	14.1 Sq. Ft @ 30 mils
<b>APPLICATION TEMPERATURE</b>	
Maximum Surface Temperature	160° (71°C)
Minimum Surface Temperature	50°F (10°C)
Thickness: Weld Joints & FBE Repairs	
Minimum/Maximum	20/50 mils
Recommended	25-30 mils
Thickness - Bore Pipe	
Minimum/Maximum	40/70 mils
Recommended	45-60 mils

**CHEMICAL  
 & WATER  
 RESISTANT  
 COATINGS  
 FOR THE  
 PIPELINE  
 INDUSTRY**

<b>HOLIDAY DETECTION</b>	100 volts/mil
<b>CATHODIC DISBONDMENT (ASTM G95)</b>	
28 Days @ 77° F (25° C)	3mm
28 Days @ 150° F (65° C)	4 mm
28 Days @ 185° F (85° C)	6 mm
<b>HARDNESS (ASTM D-2240-02)</b>	
	Shore 82D
<b>IMPACT RESISTANCE (ASTM G14 -88)</b>	
	65 Inch/Lbs.
<b>ADHESION TO STEEL/FBE (ASTM D-4541-02)</b>	
Adhesion to Steel	3,381 psi
<b>CLEAN EQUIPMENT WITH MEK SOLVENT</b>	

### SURFACE PREPARATIONS

Surface must be clean, dry and in good structural condition. Substrate should be sand blasted to achieve a clean, near white finish, SSPC-SP 10/NACE No. 2 with a 2.5 to 5 mil profile. If surface temperature falls below 25° F, surface should be preheated to reach fast cure. Pipe can be heated to 140° F in order to speed cure time.

### APPLICATION

**Mixing Directions:** Mix entire contents of Comp. A with Comp. B to ensure proper mix ratio of 3:1. Thoroughly drain catalyst component to ensure proper mix ratio which is 3 parts Comp. A. to 1 part Comp. B. Mix at a slow speed, thoroughly, until consistent color is achieved.

### STORAGE & SHELF LIFE

Shelf life of unopened containers is 24 months from the date of manufacture. If ambient temperature is maintained (50°-75° F). Do not dispose of uncured materials until product has cooled.

**Read the Safety Data Sheets before handling.**

Pipeline Coatings Systems makes no warranty, expressed or implied, regarding the accuracy of this data or the results to be obtained from the use thereof. Pipeline Coatings Systems assumes no responsibility for injury from the improper use of the product described herein.