



PHILLYCLAD 5066A – PROTECTIVE COATING AND SEALANT FOR INSULATION OR LAGGING

REVISED: 11/2023

TECHNICAL DATA SHEET #946

VERSION: B

PRODUCT DESCRIPTION

PHILLYCLAD 5066A is a two component, heavy duty coating designed for applications requiring a high degree of resiliency combined with excellent adhesion and impact properties. The compound is resistant to oils, fuels and most chemicals, is nontoxic and contains no volatiles.

PHILLYCLAD 5066A is self-extinguishing and meets the requirements of ASTM D635.

achieved where surfaces have been cleaned of all dust, oils, old coatings, etc. Metal surfaces must be thoroughly degreased to ensure proper adhesion.

Following application, PHILLYCLAD 5066A can be smoothed and neatly faired with hand and clean water. Caulking around header joints, handholes, heat riser, burner receiver, etc., with silicone caulking compound will further insure against oil penetration. Apply PHILLYCLAD 5066A over caulking compound.

USE & BENEFITS

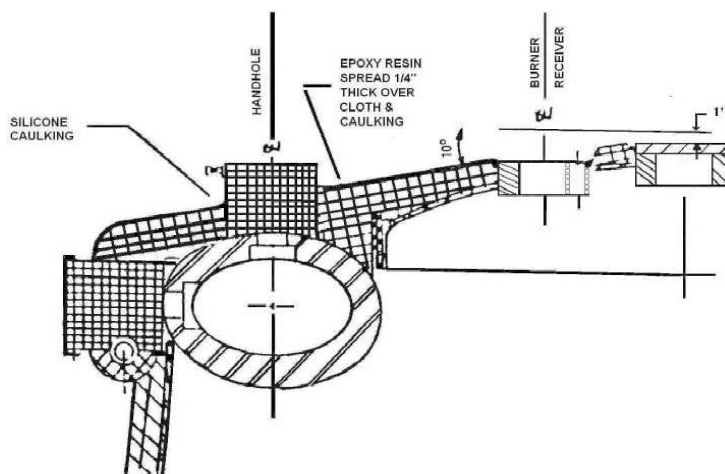
Typical applications include the coating of lagging or insulation on piping, boilers, valves, etc., to prevent the absorption of oils and the associated fire hazard. PHILLYCLAD 5066A is designed to protect monolithic types of insulation and other semi resilient substrates from abuse or damage. Easily applied at thicknesses up to 6mm (1/4"), PHILLYCLAD 5066A effectively seals out contaminants while providing a tough resilient coating highly resistant to heat, impact, or other damage.

MIXING & APPLICATION INSTRUCTIONS

Please refer to the appropriate safety data sheet (SDS) prior to using this product.

Mix one-part black hardener with one-part white resin by volume. Mix on flat surface with trowel or putty knife until a uniform streak-free gray color is achieved. Warming material to 70°F (21°C) or above will facilitate ease of mixing and application.

PHILLYCLAD 5066A is generally applied by trowel or putty knife at thicknesses to 1/4" (6-mm). Maximum adhesion is



Please contact your local representative of our Worldwide Distributor Network or ITW Performance Polymers for any questions or support.

STORAGE RECOMMENDATIONS

All product components should be stored in a dry, shaded area in original unopened containers and within a

temperature range of 65°- 95°F (16° - 35°C). For additional information, please refer to Technical Guide 1024.

PRODUCT INFORMATION

UNIT COVERAGE	6.4 ft²/gallon @ 1/4" (0.6m²/liter @ 6mm)		
FIRE RESISTANCE	Self-extinguishing		
VISCOSITY	Mastic Paste		
TYPICAL APPLICATION TEMPERATURES	55°F to 95°F (13°C to 35°C)		
INITIAL CURE TIME (APPROXIMATE, BASED ON CONTACT SURFACE TEMPERATURES)	70°F (21°C) -	Overnight	
	Hot Surfaces -	4 hours or less	
POT LIFE (APPROXIMATE)	70°F (21°C) -	4 hours	
MIXING RATIO	1:1 by Volume		
PACKAGING PER UNIT	RESIN (A):	0.97 gal (3.7 L) in a 1 gal can	
	HARDENER (B):	0.78 gal (2.9 L) in a 1 gal can	
COMPONENT WEIGHTS	RESIN (A):	14.2 lbs (6.4 kg)	
	HARDENER (B):	8.6 lbs (3.9 kg)	
UNIT SHIPPING WEIGHT	50 lbs (22.7 kg)/case, 2 kits/case		
COLOR	RESIN (A): WHITE HARDENER (B): BLACK MIXED (A + B): GRAY		
CLEAN UP	IMPAX IXT-59, or similar epoxy solvent		
SHELF LIFE	2 years in dry storage		
CHEMICAL RESISTANCE	Refer to Technical Guide 675		

REFERENCE

For any additional recommendations or applications beyond the typical ones listed in this document, please contact your local representative of our Worldwide Distributor Network or ITW Performance Polymers for further support.

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