

TDS E-251

REVIEW: 01/2015

STANDARD: ETN XXII – FOTOLU.

Polidura FLU 873

Component A: 873.0699

Component B: 873.0690



Polidura FLU 873 uses specially selected raw materials, showing high resistance to abrasion and chemicals products. This is a high build epoxy topcoat cured with special polyamine. Its main characteristic is the formation of a photoluminescent film up to 1 hour after cessation of light emitting source. Also, this is an ecological product, high solids and low volatile organic compounds (low VOC).

TECHNICAL CHARACTERISTICS**TYPE**

Epoxy topcoat, two pack system.

USAGE

Recommended for substrate in concrete, masonry, steel previously painted and in sheltered conditions. Also suitable for signaling in escape routes in corridors, stairs, equipment, valves, etc.

TECHNICAL INFORMATION

COLOR	Greenish characteristic	Other colors please consult us.	
FINISH	Glossy		
VOLUME SOLIDS	95% ± 3	According to ISO 3233	
WEIGHT PER LITER	1,660 ± 0,05 g/ml	According to ASTM D 1475	
VOC	18,70 g /l	This value may vary to each color	
FLASH POINT	> 60°C		
MIXING RATIO		Weight	Volume
	Comp. A	100,0	3,8
	Comp. B	15,0	1,0
POT LIFE (25°C)	1 h		
INDUCTION TIME	5 min (maximum)		
WET THICKNESS	625 µm - 1041 µm		
DRY THICKNESS	600 µm - 1000 µm		
DRYING TIME, for 600 µm		25°C	
		Minimum	Maximum
	Touch		2 h
	Handle		24 h
	Recoat	24 h	48 h
ENVIRONMENTAL CONDITIONS	Temperature	Should be between 0 to 40°C.	
	Relative Humidity	Between 30 to 85%	
	Dew Point	Surface temperature is at least 3°C above dew point	
	Thinner	420.0000	
APPLICATION	Brush	It is not necessary dilution.	
	Spatula	Dilute up to 10% (vol.) with recommended thinner.	



SURFACE PREPARATION	Concrete	The surface must be dry, free of contaminants such as salt deposits, oil, grease, fat, dust, etc.
	New Concrete	If concrete is new, use a solution of muriatic acid at 10% to neutralize it. Then wash it abundantly with water; let it dry, and apply the product.
	Masonry	The surface must be dry, free of contaminants such as salt deposits, oil, grease, fat, dust, etc.
	Recommended Primers	Revran SEL 639 – used as seale, providing greater resistance to physical and chemical agents and facilitating the cleaning brands of forklift tires. Revran ECO SEL 997 as an option of a low odor and solvent-free product and Polidura FLV 682.
	Coated Surfaces	The surface must be clean and free of contaminants as oils, fat, grease and dust. Must not present peeling's areas. Proceed light sanding (220) to break the gloss.
	Recommended TopCoat	Not Applicable

SHELF LIFE 12 months

UN NUMBER 1263

HAZARD NUMBER 33

IMPORTANT RECOMMENDATIONS

1. The practical spreading rate of the product varies according to the applied thickness, application method and techniques, type and rugosity of the surface and ambient conditions.
 2. The weight/l, viscosity and drying values were obtained in laboratory at a temperature of 25°C. At an altered temperature, the results might be different from the specified ones.
 3. For an easier application, dilute only compound A with about 10% in volume with thinner 420.0000; homogenize the mixture for about 5 minutes. Add compound B, and homogenize for another 5 minutes. Then pour the mixture and spread it with a roller.
 4. Pot life is shortened by higher temperature and by the increase of catalyzed volume.
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SAFETY PRECAUTIONS

1. Improper use and handling of this product can be hazardous to health and cause fire or explosion. Do not use it without first taking all appropriate measures to prevent property damage and injuries.
2. Storage: keep the product in sheltered, well-ventilated areas. Maximum temperature: 40° C. Must not be directly exposed to the sun.
3. Flammable: flammable product, which must be kept distant from ignition sources, and do not smoke nearby.
4. Inhalation: Avoid breathing vapors, keeping proper ventilation during application and drying.
5. Handling: wear proper protective clothing and masks, goggles, etc. Do not eat or drink nor allow children and animals to be near the application area.

HEALTH HAZARDS

1. Skin contact: wash affected area thoroughly with neutral soap.
2. Clothing contact: remove clothing and wash it.
3. Leakage: Isolate the area, and do not smoke nearby. If large quantity leaked in confined area, wear protective masks. Do not inhale vapors. Stop leakage with sand, sawdust or soil, and transfer liquid and solid to separated recipients for disposal.
4. Fire: protect non-affected recipients with water spray. Extinguish fire using carbon dioxide, foam or dry chemical.
5. Eyes contact: flush eyes with large amounts of clean water for at least 10 minutes, and get medical attention immediately.

IMPORTANT: For further information consult the product MSDS (Material Safety Data Sheet).
