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PUFFIN EPOXY SSL ANTI BACTERIAL

Two component polyamine cured epoxy semi self leveling with ion silver additive. This product can use as topcoat or single coat for floor or wall with ANTI MICROBIAL feature

Properties

COLOR	Colour
GLOSS LEVEL	gloss (75-85)
FILM THICKNESS, DRY (μm)	800-1600
FILM THICKNESS, WET (μm)	800-1600
THEORETICAL SPREADING RATE (M^2/L)	1-0.5
SOLIDS (VOL %)	80% +/- 2
DENSITY (g/cm^3)	1.4
FLASH POINT	100°C \pm 2%
PRACTICAL COVERAGE	ALLOW APPROPRIATE LOSS FACTORS

Characteristics

Recommended for

Top coat for floor or wall in epoxy coating system. Suitable for hospital, Lab or food manufacturing or storage

Usage

Surface preparation :

To secure lasting adhesion to the subsequent product all surfaces shall be clean, dry and free from any contamination. Oil or grease should be removed.

Substrate Minimum Recommended :	The surface should be assessed and treated in accordance with Substrate Minimum Recommended:
	For concrete : Min Age of concrete 1 months with PH<9 , moisture content < 60 % . Clean ,dry and free from any contamination
Application:	Raskam,roll ,brush
	Brush Recommended: For stripe coating and small areas. Care must be taken to achieve the specified dry film thickness.
Mixing ratio	
BASE A :	4
BASE B:	1
Mixing Pot Life	<10 minutes
Drying and Curing time:	Drying and curing times are determined under controlled temperatures and relative humidity below 85 %, and at average of the DFT range for the product.
Walk-on-dry:	Minimum time before the coating can tolerate normal foot traffic without permanent marks, imprints or other physical damage.
Dry to over coat, minimum:	The shortest time allowed before the next coat can be applied.
Surface (touch) Dry:	The state of drying when slight pressure with a finger does not leave an imprint or reveal tackiness.

SUBSTRATE TEMPERATURE (°C)	5	10	15	23	40
SURFACE DRY (hour)	24	15	7	5	3
DRY ON WALK (hours)	48	36	25	16	9
Dry to over coat, minimum (hours)	36	32	24	15	6
Dry to over coat, maximum (hours)	180	150	72	48	30
Dried/cured for service (days)	20	15	10	7	3

Product compatibility :

Depending on the actual exposure of the coating system, various primers and topcoats can be used in combination with this product.

Some examples are shown below.

Previously :

Epoxy primer

Precaution

1) Ensure to clean the surface before application.

2) Health and safety :

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not inhale spray mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

3) Storage :

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care. Shelf life at 23 °C : 24 Month(s)

Packing :

20 Kg Set