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## PUFFIN CERAMICOAT PRIMER

Two component polyamine cured phenolic /novolac epoxy ( solvent free ). This product has very good adhesion for most of concrete or ceramic tile / granite. Can be use in floor that already contained high concentrate acidic chemical, oil, and other high concentrate chemical. Also can be use as primer chemical resistant epoxy application system

### 1. Properties

COLOR	Clear gloss AND WHITE
GLOSS LEVEL	gloss >85
FILM THICKNESS, DRY ( $\mu\text{m}$ )	50-2000
FILM THICKNESS, WET ( $\mu\text{m}$ )	50-2000
THEORETICAL SPREADING RATE ( $\text{M}^2/\text{L}$ )	0.5-40
SOLIDS (VOL %)	98% +/- 2
DENSITY ( $\text{g}/\text{cm}^3$ )	1
FLASH POINT	$12^\circ\text{C} \pm 2\%$
PRACTICAL COVERAGE	ALLOW APPROPRIATE LOSS FACTORS

### 2. Characteristics

Recommended

Floor and wall concrete primer suitable for all Puffin epoxy chemical resisant floor/wall coatings system. As chemical resistant protection from high concentrate acidic chemical and other high concentrate chemical.

### 3. Usage

Surface preparation:

Sand blast or diamond grinding concrete until free from old coatings, porous concrete and free from contamination material such us oil, silicon and other rustic chemical

Substrate minimum recommended :	The surface must be dry, free from dust porous concrete, water and other contaminant, minimum 1 week curing. Moisture content max 5% with harness min 300 K.
Application:	Brush, roller
Mixing ratio	
Base A :	2
Base B :	1
Drying and Curing time:	Drying and curing times are determined under 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.

SUBTRATE 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 compability compatibility :

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

Some examples are shown below.

Subsequent coat:

Epoxy , polyurethane

#### **4. Precaution**

- Ensure to clean the surface before application.
- 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.
- 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)

#### **5. Packing :**

**1 Kg Set**