

PUFFIN EPOXY PRIMER HIGH TRAFFIC

Two component poliamine cured epoxy (solvent free). This product have very good adhesion for most of concrete, can be use in high traffic and heavy duty area. Very suitable for floor coatings system.

1. Properties.

COLOR	Transparent clear
GLOSS LEVEL	gloss (75-85)
FILM THICKNESS, DRY (μm)	50-1000
FILM THICKNESS, WET (μm)	50-1000
THEORETICAL SPREADING RATE ($\text{M}^2/\text{Kg Set}$)	8-10
SOLIDS (VOL %)	99% +/- 2
DENSITY (g/cm^3)	1.1
FLASH POINT	18°C $\pm$ 2%
PRACTICAL COVERAGE	ALLOW APPROPRIATE LOSS FACTORS

2. Characteristics

1) Recommended

For floor concrete primer, suitable for all Puffin epoxy floor coatings system especially use in high traffic and heavy duty area

3. Usage

1) Surface preparation:

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

2) 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

3) Application:

brush, roller

4) Mixing ratio

base A : 2

base B : 1

5) 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

6) 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.

Subsequent coat:

Epoxy, polyurethane

4. 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)

5. Packing :

1kg, 5kg, 20kg Set