

PUFFIN EPOXY PRIMER

Two component polyamide cured epoxy (solvent free). This product has very good adhesion for most of concrete. It can be use in normal condition. Suitable for floor coatings system on concrete for floor or wall

1. Properties.

COLOR	Transparent grey
GLOSS LEVEL	gloss (70-80)
FILM THICKNESS, DRY (μm)	100-200
FILM THICKNESS, WET (μm)	100-200
THEORETICAL SPREADING RATE ($\text{M}^2/\text{Kg Set}$)	6-7
SOLIDS (VOL %)	98% +/- 2
DENSITY (g/cm^3)	1.4
FLASH POINT	18°C $\pm$ 2%
PRACTICAL COVERAGE	ALLOW APPROPRIATE LOSS FACTORS

2. Characteristics

1) Recommended for

Floor and wall concrete primer
Suitable for all puffin epoxy floor coatings system (multi layer, semi self leveling, self leveling)

3. Usage

1) Surface preparation:

Sand blasting 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 4 week curing
 moisture content maximum 5% with
 harness min 300 K.

3) Application:

Brush, roller

4) Mixing ratio

Base A :

4

Base B :

1

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)	15	23	40
SURFACE DRY (hour)	7	5	3
DRY ON WALK (hours)	25	16	9
Dry to over coat, minimum (hours)	24	15	6
Dry to over coat, minimum (hours)	72	48	30
Dried/cured for service (days)	10	7	4

5) 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.

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 size

1kg, 5kg & 20kg Set