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PT. Indowijaya Sakti Teguh

Jl. Pangeran Jayakarta 121/3-4

Telp : 021- 62313238

PUFFIN EPOXY CHEMICAL RESISTANT TOP 40%

Is two components cycloaliphatic amine cured epoxy phenolic /novolac (solvent free). This product is high performance top coat for chemical resistant floor epoxy coatings system

1. Properties

COLOR	Limited coclour
GLOSS LEVEL	gloss (80-95)
FILM THICKNESS, DRY (µm)	500-2000
FILM THICKNESS, WET (µm)	500-2000
THEORETICAL SPREADING RATE (M ² /L)	2-0.5
SOLIDS (VOL %)	99% +/- 2
DENSITY (g/cm ³)	1.3
FLASH POINT	24°C ± 2%
PRACTICAL COVERAGE	ALLOW APPROPRIATE LOSS FACTORS

2. Characteristics

Floor

Water and chemical resistant epoxy system, with chemical exposed up to 40% concentrate acidic

3. Usage

- 1) Surface preparation: Clean, dry and free from undamaged compatible coatings
- 2) Substrate Minimum Recommended : The surface must be dry ,free from dust and other contaminant
- 3) Application: Airless spray, airspray, brush, roller.
Spray Recommended pressure at nozzle (minimum): 150 bar/2100 psi

Nozzle tip (inch/1000): 15-19. Filter Check to ensure that filters are clean.

Brush

For stripe coating and small areas. Care must be taken to achieve the specified dry film thickness.

4) Mixing ratio

Base A

4

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

SUBTRATE TEMPERATURE (°C)	15	23	40
SURFACE DRY (hour)	6	4	2
DRY ON WALK (hours)	24	15	6
Dry to over coat, minimum (hours)	24	15	6
Dry to over coat, minimum (hours)	72	36	24
Dryed/cured for service (days)	10	7	3

