



PUFFIN HELMET BASECOAT DUCO NC

One component fast dry alkyd NC coat with high gloss finishing. Can be use as body coat for helmet, otomotive. Suitable for carbon steel, iron, ABS plastic and wooden substrates.

1. Properties

COLOR	Available
GLOSS LEVEL	Gloss (70-85)
FILM THICKNESS, DRY (µm)	20-30
FILM THICKNESS, WET (µm)	62.5-93.5
THEORETICAL SPREADING RATE (M ² /L)	16~11
SOLIDS (VOL %)	32± 2
DENSITY (g/cm ³)	1
FLASH POINT	39°C ± 2%
PRACTICAL COVERAGE	ALLOW APPROPRIATE LOSS FACTORS

2. Characteristics

1) Recommended

For Helmet, otomotive, ABS plastic.

3. Usage

1) Surface preparation:

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

2) Substrate Minimum Recommended :

The surface should be assessed and treated in accordance with substrate minimum recommended.

For carbon steel substrate: Sa 2½
(ISO 8501-1)



PT. Indowijaya Sakti Teguh

Jl. Pangeran Jayakarta 121/3-4, Jakarta Pusat

www.puffinpaint.com Telp : 021- 62313238

3) Application:

For coated substrate: clean, dry, free for any contaminations and undamaged compatibility coatings.

For ABS Plastic: Clean, dry and free from any contamination and use PP Primer for adhesion promotor

Airless spray, airspray, brush, roller
Spray : 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.

Roller: For small areas. Not recommended for first primer coat. Care must be taken to achieve the specified dry film thickness.

4) Dilution

Thinner NC

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



PT. Indowijaya Sakti Teguh

Jl. Pangeran Jayakarta 121/3-4, Jakarta Pusat

www.puffinpaint.com Telp : 021- 62313238

SUBTRATE TEMPERATURE (°C)	5	10	23	40
SURFACE DRY (hours)	2	1.5	1	0.5
DRY ON WALK (hours)	24	20	18	12
Dry to over coat, minimum (hours)	36	20	16	12

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.

Previous coat:

Alkyd, vinyl, epoxy, zinc chromate

Subsequent coat:

Alkyd, 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: 48Month(s)

5. Packing size:

20 L