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# BestCoat PU714

Solvent Based Polyurethane coating, two components

**Description:**

- BestCoat PU714 is a solvent based Polyurethane coating, two components, endure well the weather, especially for UV rays.
- It is used for decorating and protecting to material surfaces such as: concrete, brick, stone, wood, metal, composite panel...

**Recommended for:** BestCoat PU714 is applicable for: floor, slab, ceiling, wall, partition... of store, garage, kindergarten, clean room, industrial production workshop or places outdoor items in industries, ships, constructions and many other fields.

**Advantage:**

- Resistance to chemical, abrasion and dust...
- Resistance to bacterium, moss and mould.
- No blistering and no peeling.
- High strength and qualified gloss
- Highly covering capacity
- Long lasting service

## PRODUCT DATA:

**Packing:** 5; 20 kg/set. (Or packing on request)

**Color:** Yellow, blue, green, brown, grey. (Or mixing color on requested with a minimum quantity as regulation)

**Solids content:** Minimum: 65 % (by weight)

**Consumption:** 0.15 ÷ 0.25 kg/m<sup>2</sup>/layer (depend on surface condition)

**Application ambient:**

Minimum temperature: +10°C (over dew point temperature of 5°C)  
 Maximum temperature: +35°C  
 Relative humidity ≤ 80%

**Density:** 1.25 ± 0.02 kg/liter at 25°C.

**Chemical resistance:** Resistance to alkali, acid, water, salt solution, oil, fuel and other common chemicals.

**Mechanical strength:** Resistance to dust and mechanical abrasion.

**Mixing ratio:** **Component A: Component B = 4:1 (by weight)**

**Storage:** Place a cool, dry, away from heat or fire.

**Shelf life:** 12 months from manufactured date in unopened box, cool and dry places.

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**Pot-life:**

Ambient temperature	<b>+20°C</b>	<b>+25°C</b>	<b>+30°C</b>	<b>+35°C</b>
Pot-life	360 minutes	330 minutes	300 minutes	200 minutes

**Curing times:**

Ambient temperature		<b>+20°C</b>	<b>+25°C</b>	<b>+30°C</b>	<b>+35°C</b>
Interval time layer to layer:	Minimum	8 Hrs	6 Hrs	4 Hrs	3 Hrs
	Maximum	No limited	No limited	No limited	No limited
Walkable		24 Hrs	18 Hrs	12 Hrs	8 Hrs
Light load		2 Days	2 Days	1,5 Days	1 Days
Full cure		7 Days	7 Days	7 Days	7 Days

**APPLICATION:**

- Coating system:**
- 01 layer of BestPrimer PU715: 0.15-0.30 kg/m<sup>2</sup>/layer (Tensile strength of surface ≤ 1.5 MPa)
  - 02 coating layer of BestCoat PU714: 0.15-0.25 kg/m<sup>2</sup>/layer (depend on surface condition).
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- Substrate requirement:**
- Concrete surface: **Compressive strength: ≥ 20 MPa, tensile strength: ≥ 1.5 MPa.** Surface should be flat, solid, steady, dry (**moisture content ≤ 4%**). Impurities, broken pieces, dust should be cleaned as required.
  - Metal surface: should be free from rust, oil or impurities such as dust, water...
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- Mixing:**
- Before applying, two components A and B should be properly mixed under the right ratio by slowly stirring (at speed of 300 ÷ 500 rpm). Minimum mixing duration should not be less than 03 minutes and can be longer until reaching the required homogeneity.
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- Application:**
- Apply by roller, brush or air-less sprayer.
- Notes:**  
Do not use mixtures over time to apply and get hardening.
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- Cleaning:**
- Use BestThinner SC-03 to clean tools after applying and before hardening.
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- Safety:**
- Two components are dangerous, flammable, and allergic when contacting directly to the skin.  
If gushing out eyes, noses, and mouth, must be washed with fresh water before taking to the nearest hospital.
- Unconditional, NO place product or constructing area contact directly to flame or heat genetic source.  
Pouring residual products in regulation place of local government.

**Disclaimer:** *The technical information and application instruction in documents of BESTMIX based on BESTMIX's current knowledge and practical experience. The information here only describes the general nature of product, so users should test the product for each purpose. BESTMIX has the right to change features of our product, user must always refer the latest product technical data sheet.*