

BestProtect PU713

Solvent based Polyurethane coating, Anti-UV, two components

Description:

BestProtect PU713 is a Solvent based Polyurethane coating, anti-UV, two components, used to make a protective coating for structures that are susceptible to aggressive corrosion or mechanical wear and especially against UV rays in construction items with features of deep penetration, high protection, and long-term durability.

Recommended for:

BestPrimer PU713 is low viscosity compound, high permeability. Used to make a protective coating for iron, steel, wood or cement-based items such as concrete, mortar, artificial stone... Structures that are frequently exposed to UV rays ... need coating BestProtect PU713 before putting into use.

Advantage:

Linking well with all material surfaces, including metal surfaces.

- Chemical resistance and high corrosion resistance.
- Endure well the UV beam, increase building service life.
- Easy to apply by popular tools such as brush, roller, nozzle ...
- Easy to apply and materials saving because of allowing time application is long.
- Level of consumption density is very low, so it should be economic and efficient.

PRODUCT DATA:

Package: 20 kg/set.

Shelf life: 12 months from date of manufacture if stored in original unopened packing, in a dry enclosed place.

Supply form: Viscosity liquid.

Color: Light yellow, transparent when get hardening.

Density: Component A: 0.98 kg/lit (25°C)
Component A: 0.90 kg/lit (25°C)
Component A+B: 0.94 kg/lit (25°C)

Consumption: 0.07 ÷ 0.15 kg/m²/layer (Depending on surface condition).

Application temperature: Minimum: +20°C (Above dew point at least 5°C).
Maximum: +35°C
Maximum permissible relative humidity: 80%.

Chemical properties: Mild acid, alkali, chemical and mineral oil resistances.

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

**Pot life:**

Ambient temperature	+20°C	+25°C	+30°C	+35°C
Pot life	300 minutes	240 minutes	180 minutes	120 minutes

Interval time:

Ambient temperature	+20°C	+25°C	+30°C	+35°C
Interval time between two layer: Minimum	36 Hrs	24 Hrs	12 Hrs	10 Hrs
Maximum	48 Hrs	36 Hrs	24 Hrs	22 Hrs

APPLICATION

Substrate requirement: For strong absorption and soft surfaces: apply at least 03 layers.
For flat surface, solid and average roughness: apply at least 02 layers.
For surface coated by epoxy: apply after 24 hours when epoxy get hardening with consumption $0.08 \div 0.12\text{kg/m}^2/\text{layer}$.

Substrate preparation: Concrete surfaces must have **Compressive strength: $\geq 25\text{ MPa}$, tensile strength: $\geq 1.5\text{ MPa}$** . Surface should be flat, solid, steady, dry (**moisture content $\leq 4\%$**). Impurities, broken pieces, dust should be cleaned as required.
Epoxy surfaces: the applied coating at least 24 hours and get hardening.

Mixing: Start the mixer, and slowly add component A to component B (according to the mixing ratio) while the paddle is rotating at $300 \div 400\text{ rpm}$. The minimum mixing time is 03 minutes but can mix longer until the required homogeneity is achieved.

Application: Apply by roller, pressure sprayer or brush.
Attention:
Do not use materials that are out of pot life.

Cleaning: Use BestThinner SC-01 to clean equipment immediately after the execution and before the mixture's hardening.

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 to ensure no effect on the environment.

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

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