



BestCoat EP604

Solvent Based Epoxy Coating, Two Components

Apr. 2017 Version

PHỤ GIA & HÓA CHẤT XÂY DỰNG BESTMIX® CONSTRUCTION CHEMICALS & ADMIXTURES
PHỤ GIA BÉ TÔNG, XI MÀNG - HÓA CHẤT CHỐNG THẤM - VUA RỖT RỐT KHÔNG CO NGÓT - NỀN SÀN - KẾT NỐI - TRÁM BÍT - SỬA CHỮA - BẢO VỆ AN THIÊN ★ CEMENT AID - CONCRETE ADMIXTURE - WATERPROOFING - GROUTING - FLOORING - BONDING - SEALING - REPAIRING - PROTECTING - FINISHING

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| Description: | BestCoat EP604 is an epoxy coating, solvent based, two components. It is used for decorating and protecting to material surfaces such as: concrete, brick, stone, wood, metal, composite panel... |
| Recommended for: | BestCoat EP604 is applicable for: floor, slab, ceiling, wall, partition... of store, garage, kindergarten, clean room, industrial production workshop or places where requires the high capacity of chemical resistance, abrasion resistance, dust and bacterium free. |
| Advantages: | <ul style="list-style-type: none"> • 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 |
| Technical Data: | |
| Package: | 30 kg/set |
| Color: | Yellow, blue, green, brown, grey. (Or mixing color on requested with a minimum quantity as regulation). |
| Density: | Part A+B: 1.33 ± 0.02 kg/liter @ 25°C (depend on color) |
| Solid content: | Minimum: 65 % (by weight) |
| VOC content: | ≤ 35% (by weight) |
| Consumption: | 0.10 ÷ 0.25 kg/m ² /layer (depend on surface condition) |
| Application ambient: | Minimum temperature: 20°C (over dew point temperature of 5°C) Maximum temperature: 35°C Relative humidity ≤ 80% |
| 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: | Part A: Part 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:

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|---------------------|--------------|--------------|--------------|--------------|
| Ambient temperature | +20°C | +25°C | +30°C | +35°C |
| Pot-life | 360 minutes | 330 minutes | 300 minutes | 200 minutes |

Curing times:

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|-------------------------------|---------|--------------|--------------|--------------|--------------|
| Ambient temperature | | +20°C | +25°C | +30°C | +35°C |
| Interval time layer to layer: | Minimum | 24 Hrs | 18 Hrs | 12 Hrs | 8 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:

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| Coating system: | <p>For concrete, cement mortar, natural stone, synthetic stone surface:</p> <ul style="list-style-type: none"> 01 layer of BestPrimer EP601: 0.10-0.25 kg/m²/layer (depend on surface condition). 02 coating layer of BestCoat EP604: 0.10-0.25 kg/m²/layer (depend on surface condition). <p>For metal surface:</p> <ul style="list-style-type: none"> 02 coating layer of BestCoat EP604: 0.10-0.25 kg/m²/layer. |
| Surface conditions: | <p>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.</p> <p>Metal surface: should be free from rust, oil or impurities such as dust, water...</p> |
| Mixing: | <p>Before applying, two components A and B should be properly mixed under the right ratio by slowly stirring (at speed of 300 ÷ 500 rpm).</p> <p>Minimum mixing duration should not be less than 03 minutes and can be longer until reaching the required homogeneity. Take the mixtures about 10÷15 minutes then stirring again before application.</p> |
| Application: | <p>Apply by roller, brush or air-less sprayer.</p> <p>Notes: Do not use mixtures over time to apply and get hardening.</p> |
| Cleaning: | <p>Use BestThinner SC-01 to clean tools after applying and before hardening.</p> |
| Safety: | <p>Both two components are hazardous, flammable, therefore, should place away from heat or fire during the application and storage.</p> <p>This product can cause allergic to skin, therefore should be prevented from directly skin contact. Should wear gloves, masks and glasses while handling the product.</p> <p>In case of accidental eye contact, wash with fresh water and seek medical advice immediately.</p> |
| Disclaimer: | <p><i>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 technology product.</i></p> |