

SuperCoat EW6000

Two component, Waterborn, Colored Epoxy Coating

Product Description

SuperCoat EW6000 is a two-component, solvent-free, water based colored epoxy paint, which can be applied on internal facades of buildings. It provides a protective surface treatment for concrete floors and walls exposed to light and medium use.

Areas of Application

- Used on stable substrates in areas that requires a fluid-tight, dust-free, chemical-resistant and durable floor finish.
- Automotive manufacturing and service areas, car parks, garages.
- As a protective lining for potable water concrete or steel tanks.
- Factories, manufacturing plants.
- Food manufacturing area, slaughter houses.
- Hospitals and operating rooms, laboratories.
- Storage areas
- Beer factories.
- Water treatment facilities.

- Cleaning rooms.
- Walls of tunnels, etc.



Advantages

- Excellent chemical and mechanical resistance.
- Can be conveniently used indoors because it is water-based. Solvent-free.
- Can be cleaned easily because it is water-based; environment-friendly.
- Approved for use in contact with potable water.
- Prevents dust emission of concrete and plastered surfaces.
- Liquid impermeable. Perfect waterproofing.
- Provides nonskid and decorative surface.

Disposal

Empty packages can be thrown to the collection bins according to regional-local regulations or recycling rules. After drying up and hardening the used waste material, throw it away as construction waste material. It is dangerous to dispose of product wastes by burning them.

Points to Take into Consideration

Keep the products in places out of reach of children. Always keep the cover of the products closed. It is recommended to wear gloves and goggles during operation. In case of contact of skin with the material, it should be washed with soap and water immediately. In case of contact with the eye, see your doctor immediately.

General Considerations

Above-mentioned product information and descriptions are prepared for guidance purposes as a result of our experiences and meticulous studies. The variety of related materials and their different construction and operation conditions can not be controlled or influenced by us individually. For applications beyond our control, the guarantee status is only limited to the quality of sold product. Except the manufacturing of the product, no guarantee is given for application. This technical sheet invalidates all the existing sheets. The quality of the performed job may vary depending on your professional use of the product. If you are hesitant, make a little test or get technical help.

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- Excellent resistance to mold and fungus growth.
- Slip resistant surface possible.
- Used as a washable epoxy paint.
- Resistance to sewage effluents.
- Economical.
- Non-toxic.
- Non-flammable.
- Volatile organic compound (VOC) free.

Application Method/ Equipment

Confirm that surface moisture content, relative humidity and dew point requirements are met before the application.

As primer: apply EpoBond EW on the surfaces, for which surface preparation has been completed, with a brush.

As coating with SuperCoat EW6000 for coating after primer application. Apply SuperCoat EW6000 at two layers on the surface when primer application is completed within 8 – 24 hours using a brush or roller. Wait 8 – 24 hours between the layers.

EpoBond EW and SuperCoat EW6000 can be applied using airless spraying equipment. Improper application of the material and differences in coating thickness may cause in difference in surface gloss.

Mixing

SuperCoat EW6000 should be thoroughly mixed using a low speed (300 – 400 cycles/min) electric mixer or other suitable equipment. Stir component A mechanically before mixing. After adding component B into component A completely, mix for 2 minutes continuously until a uniform mixture is obtained. Avoid mixing too much in order to minimize air entrainment.

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Technical Data

Property	
Color	Grey, blue (Semi-matt) (other colors can be supplied on demand)
Density	~1.75 gr/cm ³ (at 23 °C)
Viscosity	80 – 100 KU (~2100 mPa.s)
Thinning	5-10% with water (by weight)
Full Curing Time	7 days
Pot Life	~30 minutes
Consumption	Average consumption for one layer is 0.200-0.250 kg/m ²

Chemical Durability

Durable against: gas, beer, cyclohexene, diesel oil, Ethanol 10%, Ethylene glycol, Glycerin, Milk, Sodium Chloride Solution 3-30% Sodium Hydroxide 10%, Olive Oil, Paraffin, Petroleum, Castor Oil, Silicone Oil, Water and Soap.

Partially durable against: Butanol, Ethanol, Methylisobutylketone, Perchlorethylene and Xylene.

*Color change may be observed due to effects of chemicals. This study was held at room temperature. High temperature values and/or mix of chemicals may affect chemical durability.

Consideration

- Application of SuperCoat EW6000 Should be protected from water contact for at least 24 hours.
- Early or late drying may be observed at various environments and various applications.
- Wear gas masks or ventilate the area in close areas.

Surface Quality

Concrete surface may be solid and have adequate compressive strength (minimum 20MPa) and tensile strength must be minimum 1.25 MPa.

Clean foreign materials such as dirt, oil, grease, coating, surface curing agents, etc. from the concrete, alum, plastered and metal surfaces. The surface should be clean and dry.

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Surface Preparation

The surface should be prepared in a way to obtain an open porous surface as a result of removing the cement slurry from the concrete surface using abrasive equipment. Remove poor concrete and completely open birds-eye spaces and holes. Surface repairs, filling of birds-eye spaces/holes and correcting the surface should be done using solvent-free epoxy-based paste (EpoPaste).

Concrete, alum or plastered surfaces should be undercoated and/or leveled in a way to obtain a smooth surface. All dirt and loose parts should be removed from the surface using preferably brush and/or vacuum cleaner before the application of the product.

Application Conditions and Limitations

Surface moisture content: moisture content <4% unit by weight.

Relative air humidity should be maximum 80% .

Dew point. Pay attention to condensation!

In order to reduce the risk of condensation or bubble occurrence on ground topping, temperature of the surface and non-cured ground should be minimum 3 °C above the dew point.

Surface Temperature	Minimum +10 °C, Maximum + 40 °C
Ambient Temperature	Minimum +10 °C, Maximum + 45 °C
Material Temperature	Minimum +10 °C, Maximum + 40 °C

General Matters

Above mentioned product data and descriptions are prepared for guiding purposes as a result of our experiences and diligent studies. We, individually, can not control or affect the variety of the related materials and various construction and working conditions. Warranty is limited to only quality of the purchased materials for the applications that are not under our control. No warranty is committed for application, but only for product manufacturing. This technical flyer overrides former flyers. Quality of the work may vary depending on how professionally the product is used. In case of hesitation, please perform a small test or ask for technical help.

Disposal

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Disposal

Empty packings can be disposal to collection bins according to regional/local regulations or recycling rules. Dispose used waste materials as construction waste materials after drying and hardening. It is dangerous to dispose by burning the product remnants.

Safety Information

Keep the product out of reach of children. Keep the lids of the product closed. It is recommended to use gloves and goggles during application. In case of contact with skin, wash immediately with soap. In case of contact with eyes, immediately consult a doctor.

Storage

SuperCoat EW6000 has a shelf life of 24 months if stored at temperatures between 2 °C and 50 °C in original non-opened packaging, under cover, in dry condition, away from humidity, protected from extreme temperatures and direct sunlight.

Packaging

Supercoat EW6000 is available in 5, 10 and 20 Kg packs.

Fire

Supercoat EW6000 is nonflammable .

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