

BC-10

MATTE CONCRETE POLISHING AGENT



DESCRIPTION

- Acrylic and solvent-based, high performance, anti-dust, transparent matte concrete protective polish used for hardening surfaces with low adherence.

INTENDED USES

- On floors where a matte appearance is desired,
- Walkways, squares,
- Pedestrian paths, sidewalks,
- On floors where surface hardener has been applied,
- Protection and hardening of cement-based surfaces,
- In order to increase the service life of concrete,
- In order to prevent dusting surfaces,
- In car parks and warehouses,
- Used for coating surfaces such as concrete and screed.

PROPERTIES

- Easy to apply due to its single component.
- Makes colours appear matte and provides UV resistance without giving any pattern to concrete.
- Ensures that the concrete is resistant to chlorine (salt) or gases.
- Resistant to alkali.
- Dries quickly as the solvent in it evaporates fast.
- Prevents cracks that may occur as a result of concrete freezing, as it increases water impermeability.
- Reduces dirt retention.
- Fills non-structural capillary cracks.
- Prevents dusting as it increases the abrasion resistance of the surface.
- Consumption is low and economical.

APPLICATION

- BC-10** is ready to use and single component.
- It should be mixed well before use. No dilution should be done.
- It can be applied with a brush or a short pile roller manually or automatic spraying machines.

TECHNICAL DATA

Appearance	: Liquid
Color	: Transparent
Odor	: Unique
Application temperature	: (+5°C) - (+30°C)
Service temperature	: (-20°C) - (+80°C)
Density	: 0.92±0.03 kg/L
Full curing	: 5-7 days
Pot life	: 2 hours
Flash point	: 20-45°C
Time required for foot traffic (+20°C)	: 24 hours
VOC	: 838 g/L

- These values are obtained under laboratory conditions ((23±2) °C temperature, 50% relative humidity) and may differ due to worksite conditions.
- MYFIX YILDIZ YAPI KİMYASALLARI SANAYİ VE TİCARET LİMİTED ŞİRKETİ is not responsible for the application errors that may arise if the application conditions and precautions outlined above are not followed for the purpose of the product.

SURFACE TREATMENT

- The surface must be free of all kinds of substances that prevent adhesion, dust, dirt and oil, and free of loose and volatile particles.
- The surface should be cleaned with wet cleaning methods and it should be paid attention to be dry before application.
- In applications to be made on moist surfaces, firstly, the adherence test should be done by applying a sample to a small surface area.
- It can be applied 1-2 layers depending on the absorbency of the floor. Make sure that the surface is completely dry in the transition between layers.
- After the application, used tools should be cleaned with solvent.

CONSUMPTION

- Brush, roller (coating): 0.10 - 0.15 litres (for 1 m² area)
- Spraying (impregnation): 0.15 - 0.20 litres (for 1 m² area)

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WARNINGS AND RECOMMENDATIONS

- Use protective glasses, gloves and clothes before applying **BC-10**. Since it is acrylic-based, it may irritate the skin.
- Since **BC-10** contains solvent, contact with skin and eyes should be avoided. In case of contact, wash with plenty of water and consult a doctor.
- Gloves should be used during use and the material should not be inhaled.
- Since it is a flammable material, it should be strictly forbidden to smoke during application and any fire source such as welding and cutting machines should be avoided.
- In indoor applications, every 30 minutes the applicator should rest for a certain time in the open area.
- The product does not require any special application process.
- It should be protected from rain for at least 1 hour.
- It should not be applied on wet and frozen surfaces.
- Empty packages should not be used to store foodstuffs and drinking water.

QUALITY CERTIFICATES

- In accordance with **TS EN 1504-2** standard.

SHELF LIFE

- It is 12 months from the date of production if stored in unopened packages in a suitable environment ((+5°C) - (+30°C)). It should be kept away from direct sunlight. Protect from frost.

PACKAGING

- 17 Litre Tin pail