

BC-15  
CONCRETE POLISHING AGENT



DESCRIPTION

- Acrylic and solvent based, UV resistant, high performance, anti-dust, transparent glossy concrete protective varnish used for hardening surfaces with low adherence.

TECHNICAL DATA

Appearance	: Liquid
Colour	: Transparent
Odour	: unique
Application temperature	: (+5°C) - (+30°C)
Density	: 0.88±0.03 kg/L
Full curing	: 5 days
Pot life	: 2 hours
Flash point	: 20-45°C
VOC	: 742 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.

INTENDED USES

- Pool sides, walkways, squares,
- Pedestrian paths, sidewalks, underground passages,
- Living areas, shopping centres, petrol stations,
- Protection and hardening of cement-based surfaces,
- In order to increase the service life of concrete,
- On floors where a bright appearance is desired,
- In order to prevent dusting surfaces,
- For concrete surfaces to be bright, colourless and to give life to the surface,
- Industrial floors,
- In car parks and warehouses,
- On floors where surface hardener has been applied,
- Used for coating surfaces such as concrete and screed.

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 - 0.20 litres (for 1 m² area)
- Spraying (impregnation): 0.15 - 0.25 litres (for 1 m² area)

APPLICATION

- **BC-15** 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.

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WARNINGS AND RECOMMENDATIONS

- Use protective glasses, gloves and clothes before applying **BC-15**. Since it is acrylic-based, it may irritate the skin.
- Since **BC-15** 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.

PACKAGING

- 17 Litre Tin pail

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.

QUALITY CERTIFICATES

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



<div>CE</div> <div>2163</div> <div>YILDIZ YAPI KİMYASALLARI SAN. ve TİC. LTD. ŞTİ. İstanbul Mermerciler Küçük San. Sit. 18. Cad. No: 22 Köşeler Köyü - Dilovası / KOCAELİ</div> <div>20</div> <div>DoP number: 03.PB 1504-2.018</div>	
<div>2163-CPR-0560-7</div> <div>TS EN 1504-2:2005</div> <div>BC-15 / CONCRETE POLISHING AGENT</div> <div>Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and conformity assessment - Part 2: Surface protection systems for concrete</div> <div>Principle 5 (PR): Physical resistance / surface improvement, Method 5.1: Coating Application (C)</div>	
Abrasion resistance	: ≤75%
Capillary water absorption and water permeability	: W<0.1 kg/m².h <sup>0.5</sup>
Shock resistance	: Class II: ≥ 10 Nm
Adhesion strength through pull-off test	: Without traffic load ≥ 0.8 N/mm²
Fire reaction class	: E (Organic matter content >1%)
Our products do not contain substances harmful to health and the environment.	