

PROSEAL

A DURABLE, STAIN-RESISTANT, GLOSSY PROTECTIVE COATING THAT INCREASES THE ABRASION RESISTANCE OF CONCRETE SURFACES EXPOSED TO HEAVY TRAFFIC



DESCRIPTION

- A bright protective coating that is resistant to chemicals and extends the service life of concrete by increasing the abrasion resistance of indoor concrete floors, and significantly increases the hardness and durability of concrete. Liquids spilled on concrete floors penetrate the concrete and prevent the formation of stains and provide easy cleaning.

INTENDED USES

- On indoor concrete floors exposed to heavy traffic, where high abrasion resistance is required.
- To protect against solution spills on floors of laboratories in the food and cleaning industry,
- On floors where resistance to chemicals is required and to increase the service life of concrete.
- On concrete floors where high dust resistance is required.
- To improve the appearance of concrete floors that are likely to turn yellow.

ADVANTAGES

- Easy to apply.
- Resistant to scratches.
- Can be applied indoors as it's water-based & odorless.
- Non-toxic and non-flammable.
- UV resistant
- Provides an excellent application for hardened and densified floors.
- Cures quickly, allowing the surface to open up to traffic early.
- Ensures that the concrete is long-lasting, hard, and bright.
- Provides depth in colors by giving shine to decorative patterns applied to concrete. Does not turn yellow, peel, or flake.
- Prevents the staining materials to penetrate the concrete. Thus, allows for cheaper floor cleaning and faster maintenance.
- Provides high floor brightness without causing slip.

APPLICATION

- **PROSEAL** is ready to use as a single component.
- It should be stirred well before application and used in the concentration in its package without any dilution.
- The floor should be moistened with **PROSEAL** with the help of a microfiber cloth.
- Then, **PROSEAL** should be sprayed homogeneously on the floor with a suitable spray device.
- It should be spread as a thin, even coating with a pre-moistened microfiber cloth. When the surface starts to dry, spreading should be stopped and overlapping should be prevented. It is recommended to perform the application with at least two people (one to spray and one to smear).
- The surface is expected to dry in 15-50 minutes without leaving any stickiness.
- Two layers are recommended for maximum protection and shine.

CONSUMPTION

- 10 - 20 m²/L

TECHNICAL DATA

Colour	: TRANSPARENT
Density	: 1.03±0.02 kg/L
pH	: 10,50 ± 1
Application ground temperature	: (+5°C)-(+35°C)
Service temperature	: (-20°C)-(+80°C)

• 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.

WARNINGS AND RECOMMENDATIONS

- In accordance with the Occupational Health and Safety Rules, work clothes, protective gloves, goggles, and masks must be used during application.
- Changes in concrete quality, porosity, work-site conditions, temperature, and relative humidity will affect consumption rates and drying times.
- Apply without diluting. Stir well before using.
- It does not repair structural defects and cracks. Therefore the surfaces must be clean, repaired, and in good condition before application
- Acid-stained concrete must be thoroughly cleaned before application.
- **PROSEAL**, should be applied to dry and absorbent concrete. Surface absorbency should be checked with a light spray of water. Intended only for horizontal concrete surfaces in interiors.
- Spraying should be done with low-pressure sprayers.
- Application temperature should be between +5°C - +35°C. It should be protected from extreme temperatures and frost.
- In case of skin contact, wash with soap and water. Do not try to use other chemicals to clean skin. If irritated, seek medical attention.
- Food and beverage materials should not be brought into the application areas. It should be stored out of the reach of children.

SURFACE TREATMENT

- The surface must be clean, dry, smooth, and solid.
- Appropriate spray equipment to be used in the application should be determined.
- To determine the consumption amount, **PROSEAL** is applied to the surface. The test area should be protected from moisture for at least 4 hours.

PACKAGING

- 30 kg plastic drum and 1000 kg IBC

SHELF LIFE

- Shelf life is 12 months from the date of production if stored in unopened packages in a suitable environment ((+5°C) - (+30°C)). Opened packages should be kept tightly closed and stored under appropriate storage conditions and should be used within one week.

Yıldız Yapı Kimyasalları San. ve Tic. Ltd. Şti.

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