

PRODUCT INFORMATION

PROTECTASEAL EBR200EP

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Manufacturer's Code: EBR200EP

Updated: 20/08/2020

Product Name: PROTECTASEAL EBR200EP

Description: PROTECTASEAL EBR200EP is a high performance water-based concrete sealer formulated with innovative hybrid polymer technology. PROTECTASEAL EBR200EP is a penetrating and film-forming sealer for enhancing the final surface finish of polished concrete. Apart from a surface enhancement effect, the sealer provides superior resistance to water and oil staining for the polished concrete. PROTECTASEAL EBR200EP can also be used as a protective sealer for normal concrete. It not only enhances the surface appearance, but also imparts dust-sealing, abrasion resistance, and excellent resistance to water-based and oil-based stains commonly found in kitchens, food courts, restaurants and showrooms.

Recommended Uses: PROTECTASEAL EBR200EP is recommended as a top finish sealer for polished concrete to enhance the surface appearance and to provide water and oil resistance. PROTECTASEAL EBR200EP can also be used on ordinary concrete floors or structures for dust binding, surface strengthening, and as a protective sealer against water and oil staining. Some of the important features of PROTECTASEAL EBR200EP include:

- Water-based non-toxic low VOC water-based formulation.
- Penetrating and film-forming sealer allowing vapour breathing.
- Enhancing the surface appearance.
- Excellent resistant to water penetration and oil staining.
- Providing dust-sealing, strengthening and abrasion resistance.
- Easy application and cost effective.

Use Instructions: Before application

The surface to be treated should be dry, firm and free from grime, oil and other contaminations. Cracks should be filled and allowed to cure before application. Do not apply if rain or extreme weather conditions are expected and/or the temperature is below 10°C. An opalescent (milky) appearance may occur if the temperature is below 10°C or if the fresh coating film is in contact with water during application and drying. Ensure the lid on the container is firmly closed as soon as possible so as to avoid any of the remaining sealer within the container drying out and forming a skin, thus making the sealer unusable.

Application

1. PROTECTASEAL EBR200EP should be stirred before use.
2. PROTECTASEAL EBR200EP is a ready to use sealer. No dilution is required. However, the product can be diluted up to 1:1 with water if required. A test should be conducted to obtain the right dilution ratio and desired surface finish.
3. PROTECTASEAL EBR200EP should be applied by low pressure spray equipment, or a thick nap roller or brush. It is advisable to first apply the sealer on a test sample area to confirm the desired degree of surface appearance.
4. The number of coats depends on the permeability of the substrate. Two coats are generally recommended. However, more coats are required for more permeable substrate.

5. Avoid excessive accumulation of the sealer as this may cause an uneven finish affecting the final surface appearance.
6. Do not spray the product onto any areas you do not wish to treat. If splashing occurs, the product can be removed with a damp cloth before the sealer dries.

Consumption rate

The consumption of PROTECTASEAL EBR200EP varies significantly depending on the permeability of the substrate and the degree of surface enhancement, dust-sealing or stain resistance required. It may be in the order of 5 to 20 square meters per litre of the sealer per coat or it could be outside of this range significantly.

After application

The sealer will take 10 minutes or more to touch dry. However, full drying may take up to 24 hours or more. Avoid heavy traffic, water or any staining for at least 24 hours after application. Clean all equipment with water.

Pilot testing

Due to the variation of building materials, it is strongly recommended that a pilot test on a small area on site should be conducted prior to application to determine the suitability of this product for the purpose.

Typical Data:	Appearance:	Milky white emulsion
	Solids content:	<50% by weight
	Specific Gravity:	1 g/ml at 20°C
	pH value:	8-9
	Solubility in water:	Soluble in water
	VOC content:	Nil
	Flash point:	Not allocated

Important Note: PROTECTASEAL EBR200EP penetrates into the capillaries and also forms a clear thin film over the masonry surface while still allowing vapour permeability. The dust-sealing, abrasion resistance and gloss level of the substrate treated with PROTECTASEAL EBR200EP is limited. Therefore, harsh cleaning, extreme weathering, hard wearing and heavy traffic may have a detrimental effect resulting in significantly reducing of the durability and performance of the sealer.

Handling & Storage: PROTECTASEAL EBR200EP is a non-hazardous material. However, as with all chemical products, good industrial hygiene procedures should be followed when using this product. Vapour inhalation and skin or eye contact should be avoided by wearing proper protection. Wash hands after handling. The product should be stored in closed containers in a cool dry place away from any fire and ignition sources. The product has a shelf life of 12 months in a sealed original container under 25 °C.

Use with sufficient ventilation!

KEEP OUT OF REACH OF CHILDREN!

Packaging: PROTECTASEAL EBR200EP is available in 5, 20 or 200 litre plastic drums, or 1000 litre plastic IBCs. Other size containers are available on request.

Disclaimer:

The information given in this data sheet is based on many years of experience and is correct to the best of our knowledge. As the storage, handling and application of this material is beyond our control; we can only be responsible for the quality of our product at the time of dispatch. We reserve the right to alter certain product parameters within the spectrum of properties in order to keep abreast of technical advances. It is the responsibility of the end user to determine the suitability of this material for any particular application.