

METOSEAL - RENOX 205 S **PRODUCT DATA SHEET**

AQUEOUS FRESH CONCRETE CURING SEALING AGENT AND ADHESION PRODUCT

USES

- *METOSEAL-RENOX 205 S* is an aqueous ready to use concrete curing and sealing agent.
- Easy to apply curing agent for newly placed fresh concrete.
- It forms a thin layer on the surface therefore reduces the loss of hydration water which is very important in the early stages of reactions in the concrete and by doing so a better quality concrete is achieved.

DESCRIPTION

METOSEAL-RENOX 205 S is an aqueous curing and sealing agent.

METOSEAL-RENOX 205 S is easy to use, forms a continuous film on the surface,

METOSEAL-RENOX 205 S is a two component epoxy resin,

METOSEAL-RENOX 205 S, has good adhesion properties with the concrete surface therefore does not wear away very quickly with foot traffic like it is the case with other types of water based curing and sealing agents.

ADVANTAGES

- Better curing of concrete will improve the quality of concrete by enhancing the hydration process.
- Using *METOSEAL-RENOX 205 S* will reduce the risk of micro cracks.
- It is not flammable.
- It can be applied on the fresh concrete immediately after the final trowelling.
- Easy to apply.
- Improved resistance to some mild chemical, rain water, fruit acids.
- Improved frost resistance.
- Reduces surface dusting.
- Excellent adhesion to the surface therefore offers a much longer protection of the concrete surface.

- It dries quickly so the application can be repeated without any delay.
- Will give a shiny appearance to the applied surface.
- If applied in thicker layers, it will increase the adhesion characteristics by almost 50%.

PHYSICAL PROPERTIES OF: COMPONENT A

| | |
|------------------|------------------------|
| Physical Form | Liquid |
| Color | Clear |
| Odour | Slight |
| Boiling point | >200 °C |
| Flash point | 135 °C |
| Density at 25 °C | 1.19 g/cm ³ |

COMPONENT B

| | |
|------------------|------------------------|
| Form | Liquid |
| Color | Yellowish liquid |
| Flash point | 112 °C |
| Density at 25 °C | 1.04 g/cm ³ |

PROPERTIES OF A + B

| | |
|-------------------------|---|
| Film formation | Evaporation |
| Pot life @35 °C | 1.0 - 1.5 hours |
| Initial hardness @20 °C | At least 1 day |
| Initial hardness @35 °C | At least 18 hours |
| Full loading | <ul style="list-style-type: none">• 3 - 5 days for foot traffic.• At least one week for full loading |

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INSTRUCTION FOR USE

- As *METOSEAL-RENOX 250 S* is not solvent based therefore it will not be affected by slight dampness or moisture from the concrete surface.
- Stir well before use.
- Apply evenly on the clean concrete surface free of dust, oil, and loose particles. It can also be applied directly after finishing trowelling.
- Acid washing may be recommended for application on old concrete surfaces.
- Mix component A and B separately, then mix together and apply with a roller.
- Leave to dry ,
- Do not open to pedestrian traffic for at least 48 hours.

CLEANING

- All tools should be washed with water after use.

COVERAGE

- (100 - 250) g/m² or 4 -10 m²/kg.

TRANSPORTATION INFORMATION

Not dangerous for transport under international transport regulations.

STORAGE:

- Store in a dry , non humid area,
- Store in a cool area away from direct sunlight
- Store for 6 months in it's original unopened containers.

PERSONEL PRECAUTION

It is irritating to eyes and skin and may cause sensitization by skin contact, wear appropriate gloves and protective clothing to prevent contact with skin and clothing. The refore avoid contact with direct skin. Wear safety glasses,goggles to prevent eye contact.

Fire fighting measures

Extinguishing media: Sand ,water spray, carbon dioxide and dry chemical(extinguishing powder).

Personal protective equipment: Self-contained breathing apparatus. Protective clothing.

HANDLING

- For safe handling ensure good ventilation/exhaustion at the workplace.
- Use suitable clothing
- Protection gloves and eye protection is necessary.
- Eating ,drinking and smoking should be prohibited in area where this material is handled, stored and processed.

Package

- A two component material supplied in separate (10 kg units) or packages ready to use.

Important information

This product is for industrial use only by professional, trained personnel using proper equipment.

LIMITED WARRANTY

All recommendations, statements, technical data and information contained herein are information received from our raw material suppliers and other sources and is believed to be correct. However we make no warranty , expressed or implied regarding the accuracy of this data or the results to be obtained from the used thereof. This product is warranted to be of merchantable quality when used according to the instruction herein.It is not warranted to be suitable for any purpose or use other than the general purpose for which it is intended.Liability under this warranty is limited to the replacement of the product as purchased, if found to be defective upon inspection by the manufacturer. we assume no responsibility to injury from the use of this product described herein.

ORIGIN

METOSEAL RENOX 205 S is produced locally in the under mentioned factories and countries.

GROUP OF COMPANIES



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