METOSEAL – RENOX 100 K

PRODUCT DATA SHEET

ACRYLIC BASED CONCRETE SEALING AGENT

USES

METOSEAL RENOX 100 K is an acrylic copolymer resin solution solvent based,clear concrete sealing agent

FIELDS OF APPLICATION

• As a sealer and final coating to finished concrete surfaces.
• As an extra protection against abrasion.
• Acts as dustproofer when applied on concrete walls and floors

ADVANTAGES

• **METOSEAL RENOX 100 K** is An acrylic copolymer based resin, penetrates easily into the concrete surfaces.
• Forms a hard and clear coating on the applied surface.
• Stops the penetration of water, oil and fuel into the concrete.
• **METOSEAL RENOX 100 K** gives protection to the surface from some mild chemicals.
• Gives the surface a shiny appearance and makes it easier to clean.
• **METOSEAL RENOX 100 K** is easy to apply.
• Cost effective.

TECHNICAL CHARACTERISTICS

Appearance	Colourless transparent liquid
Viscosity	43 m.Pa.s (at 25 ºC)
Tg (ºC)	50 ºC
Coverag	Depending on the surface porosity. 150 - 300g / m2 or 3 - 6 m2 / kg
Solvents	Mek, Ksilen
Specific weight	0.91 (g/ml)

Film characteristics

• Transparent, colorless and hard
• Antiblocking
• UV resistance
• Hydrophobic
• High adhesion characteristics.
• No need for any primer.
• Abrasion resistance

Solution characteristics
• Newtonic viscosity
• High wetting characteristics,
• High penetration strength

STANDARDS COMPLIANCE

• Classified to ASTM C 309

TYPICAL CHARACTERISTICS

• **METOSEAL RENOX 100 K** is easy to apply and forms a film on the surface.
• This film coating on the surface can survive for a long time under moderate and light traffic but has to be repeated from time to time.
• The film will dry in 30 - 45 minute at 20ºC.
• It contains solvents therefore during application process the area must be well ventilated

. APPLICATION STEPS

Surface Preparation

• **METOSEAL RENOX 100 K** can be applied on normal or decorative colored concrete surfaces but before starting any application surface preparation must be completed.
• The surfaces must be clean , dry, free of oil and grease, dust and other contaminants.
• Any Loose particles must be removed.

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ACRYLIC BASED CONCRETE SEALING AGENT

Application

• After the completion of surface preparation. It is very important to ensure good ventilation before starting application
. • Stir before use
. • Apply evenly on the dry clean concrete surface using conventional methods (brush, roller or a spray gun).
• Leave to dry and cure ,do not open to pedestrian traffic for at least 24 hours
. • It is advisable not to apply METOSEAL RENOX 100 K at 0˚C temperature or when humidity is more than 90%. Application can be resumed when suitable weather conditions are available.
• More than one coat can be applied, allowing for at least 2 hours between each coat.

COVERAGE

Depending on the surface porosity and weather conditions 150 - 300g/m2 0r 3 - 6 m2/kg

THINNER

Special thinner is required for cleaning the tools.

STORAGE

• Store in a dry , non humid area, • Store in a cool area away from direct sunlight and any fire source or sparks. • 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.Wear safety glasses, goggles to prevent eye contact

Fire fighting measures
Extinguishing media: Sand ,water spray, carbon dioxide and dry chemical (extinguishing powder). Do not use water jet.

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.
• Flammable , keep away from fire or sparks.

PACKAGE

10,30 kg units or 170 kg barrels
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 100 K is produced locally in the under mentioned factories and countrie

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