

AQUEOUS FRESH CONCRETE CURING AND SEALING AGENT

DESCRIPTION:

One component acrylic copolymer based dustproofing , curing and sealing compound

USES

• **METOCURE SMR-110 K** is ready to use easy to apply, acrylic based curing, sealing and dust proofing agent for newly placed fresh concrete as well as old concrete.

It is a multi purpose material used as a curing and sealing agent on new concrete , and as dust proofing material on old concrete.

On fresh concrete surfaces, It forms a thin layer on the surface and 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.

ADVANTAGES

- Forms a vapour barrier which consequently gives better curing of concrete and improve the quality of concrete by enhancing the hydration process.
- On old concrete surface it penetrates and forms a thin layer on top, reducing dusting, resulting in a shiny surface and reducing permeability of water into the concrete .
- Using **METOCURE SMR-110 K** will reduce the risk of micro cracks.
- It does not contain paraffin or solvents therefore it is not flammable and safe to use and apply.
- High solids content for better quality and durability .

- Improves abrasion resistance.
- Used as a sealer as well as curing agent therefore giving shiny finish to the concrete.
- Easy to apply.
- Improved resistance to some mild chemical.
- Improved surface frost resistance.

TYPICAL PROPERTIES

Physical Form	Milky white color liquid (Before use)
Odour	Faint aromatic
Film	Clear
pH	6.5-7.5
Freez Thaw stability	Good
Flash point	Not applicable
Density	1.04 g/cm3
Solids content	30%
Solubility in water	Miscible in all proportions

APPLICATION FIELDS

METOCURE SMR-110 K can be applied as curing agent on Existing concrete and freshly placed concrete slab and any concrete exposed to direct sunlight .

Any floor such as ,
-Factory floors
-Warehouses,
-Pavements,



METOP ENDÜSTRİYEL ZEMİNLER

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- Loading platforms,
- Garages,
- Airport runways
- Bridges, etc.

COLOR

Color	Milky white becomes transparent as it dries
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INSTRUCTION FOR USE

- Stir well before use.
- Apply evenly with (a roller, brush, spray gun or any conventional method) on the clean existing concrete surface.
- Can also be applied directly after finishing trowelling. (on newly placed concrete)
- Leave to dry ,
- Do not open to pedestrian traffic for at least 4 hours, if possible and advisable depending on weather conditions to open to traffic after 24 hours. It is much better to wait the 24 hour period for better results.

CLEANING

- All tools should be washed with water immediately after use.

REMOVAL

Dried cured METOCURE SMR 110 K may be removed by strong solvents MEK ,Toluen or Xylene.

COVERAGE

Coverage of METOCURE SMR-110K
100-200 g/m²/coat ,

PACKAGING

200 kg barrel or 30 kg Pails

TRANSPORTATION INFORMATION

Not dangerous for transport under international transport regulations.

HANDLING AND STORAGE

-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.

-Storage :

Store in a dry area. Keep container tightly sealed in a cool storage room.

SHELF LIFE

*Shelf life is one year. Can be stored for one year in original, undamaged , unopened containers.

SPECIFICATION

Suitable standards

ASTM C 309 type 1 class A&B

ASTM C 1315 type 1 class A&B

IMPORTANT INFORMATION

This product is for industrial use only, by professional trained personnel using proper equipment, and is not intended for sale to, or use by , the general public.

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.



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METOCURE SMR-110 K

PRODUCT DATA SHEET

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