



## Roka Epo Tar

### Two Component Coal Tar Epoxy Coating for Steel and Concrete Surfaces

Roka Epo Tar is a two component, coal tar epoxy coating with low solvent. The coating has good application and cure properties with high build characteristics.

#### Uses & Advantages:

- Impact and abrasion resistant.
- Excellent water resistance.
- Excellent chemical resistance.
- Tough and heavy duty.

#### Fields of Application:

Roka Epo Tar is used as a protective coating for steel and concrete in:

- Bridge undersides.
- Dam gates.
- Petroleum storage tanks.
- Offshore drilling rigs.
- Underground tanks and pipelines.
- Liner for clarifiers.



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## Technical Information:

Color	Black and Brown
Mixing Ratio	3.5 : 1
Volume Solids	70 ±4% (combine)
Weight Solids	80±4%
Finish	Semi-gloss
Flash Point	36 - 40°C
Pot Life	3 hours at 25°C
Number of Coats	2 - 3
Touch Dry	2 hours at 25°C
Recoat Time	24 hours at 25°C
Full Cure	7 days
Chemical Resistance	Excellent
Solvent Resistance	Good
Heat Resistance	Up to 80°C (Dry)
Water Resistance	Good
Weatherability	Good
Abrasion Resistance	Good
Toxicity	Not suitable for surfaces in contact with drinking



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	water.
Shelf life	12 months if kept in recommended conditions
Storage	Keep in unopened & sealed in original packing at maximum temperature +20°C. Protect against sunlight.

## Surface Preparation:

### Concrete:

Before the application, the surface must be sound, clean and free from any foreign contaminants like oil, grease and laitance etc. The surface moisture content should be less than 8%. Large holes and cavities must be levelled with a suitable mortar before the application. Roughen up the surface using sweep blasting or other mechanical means to ensure better adhesion of coating to the surface.

### Steel:

Roka Epo Tar can be applied over zinc rich primers to extend the service life of the surface. New steel surfaces must be blast cleaned to Sa 2½.

## Mixing:

Stir both ingredients thoroughly before mixing. Add component B to Component A and mix until a homogenous color and consistency has been achieved.



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## Application Methods:

Roka Epo Tar can be applied using conventional spray, airless spray or a brush/roller. The type of method used has a significant effect on the thickness and appearance of the coating. Prior to major coating operations, a test application on site may be useful to ensure the selected application method will provide the requested results.

## Application:

Roka Epo Tar displays good application & cure properties when applied up to 150 microns DFT in multiple coats without sagging. To get the best results, airless spray application, with a pump ratio of 30:1 is recommended. Depending on the surface and the desired thickness and protection, it is recommended to apply 1 – 2 coats of Roka Zinc Phosphate Primer followed by 2 – 3 coats of Roka Epo Tar.

If more than 24 hours elapse between coats, surface should be roughened by brush blasting before applying next coat.

## Important Remarks:

- Freshly mixed material must not be added to material which has been in use for some time.
- Do not apply if the temperature is below 10°C.
- Do not apply if relative humidity exceeds 85%.
- Ensure the working area is well ventilated and avoid inhalation of vapours and spray mist.



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## Curing:

Roka Epo Tar is self-curing. Curing can take place at temperatures below 10°C but takes longer. Curing can also take place under water but may be compromised.

## Cleaning:

Wash all the tools and equipment with Roka Thinner immediately after use.

## Health and Safety:

Use of protective clothing, safety goggles, gloves and combined organic vapour respirator is recommended while handling Roka Epo Tar. Avoid contact with skin and avoid vapours or mist inhalation. In case of any contact with skin, immediately clean with industrial skin cleanser followed by washing with soap and water. Any splashes in eyes should be cleaned with plenty of clean water and seek medical assistance immediately.

## Important Note:

The information provided in this data sheet is based on ongoing development efforts and extensive field experience. While we strive to ensure the accuracy and reliability of the information, we cannot assume responsibility for any work performed using our materials, as we have no control over application methods, site conditions, and other factors. Due to ongoing research and development in our laboratories, we recommend that customers verify that this data sheet has not been replaced by a more recent publication.



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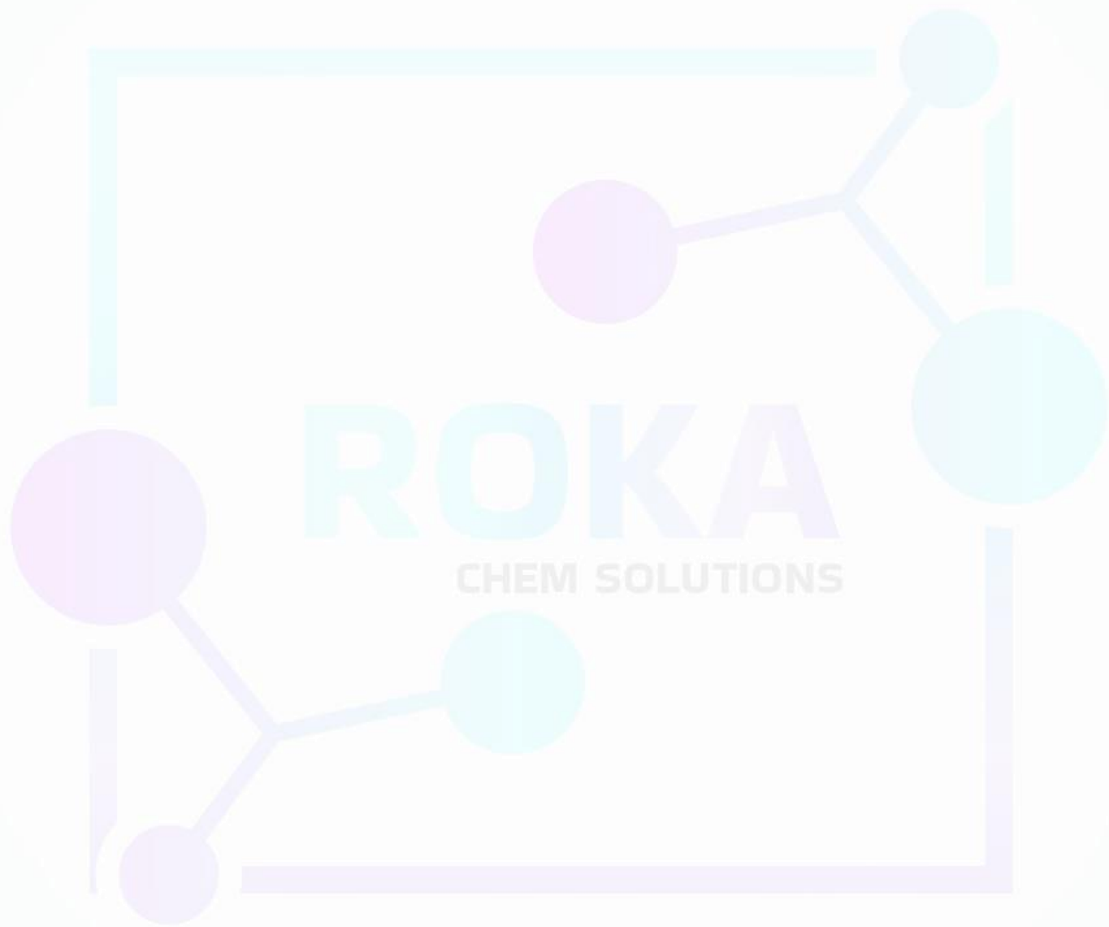


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Any field services offered do not imply supervisory responsibility. For further information, please contact your local representative of Roka Chem Solutions.



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