

The proven corrosion protection system for steel water construction

COROPUR Tar/Tar 21

COROPUR Tar/Tar 21 is a single-component, moisture-hardening coating system that can be applied by rolling, brushing or spraying. The moisture insensitivity of **COROPUR Tar/Tar 21** enables it to be processed under extreme weather conditions.

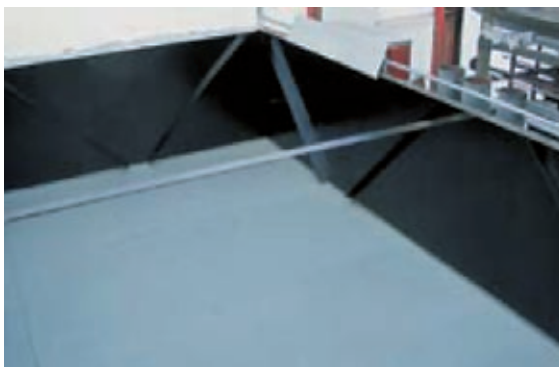
Application areas

COROPUR Tar/Tar 21 has a successful track record for use in accordance to DIN EN ISO 12944-5 for the longterm corrosion protection of steel components classified in the corrosivity categories Im 1 (freshwater), Im 2 (seawater or brackish water) and Im 3 (soil).

COROPUR Tar/Tar 21 fulfills the requirements of the cathodic subsurface test, relative to DIN EN 10290, for the corrosion protective coating of steel pipework with polyurethane.



Statoil gas pipeline in Norway



Oil catch basin

Typical fields of use

- Outside coating of off-shore and on-shore pipelines
- Lock gates
- Components in hydroelectric power plants
- Steel constructions in water exchange zones, e.g. sheet-pile walls, bridge supports etc.
- Ballast water tanks in ships

Advantages

- Quick, simple processing
- Thick layers built-up in a single application
- Excellent corrosion resistance
- Excellent elasticity and high surface hardness
- Repair-friendly

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Product properties

Product characteristics	<ul style="list-style-type: none"> • Single-component, moisture hardening polyurethane coating system
Processing	<ul style="list-style-type: none"> • Air and airless spraying, brushing or rolling
Processing conditions	<ul style="list-style-type: none"> • Relative humidity 30 - 98 % • Temperature from -5° C (ice free) to +50° C
Storage stability	<ul style="list-style-type: none"> • 12 months in unopened containers
Temperature resistance	<ul style="list-style-type: none"> • +80° C (dry)

System build-up

Layer thickness	COROPUR Tar	120 - 200 µm thick coating in a single working step
	COROPUR Tar 21	80 - 500 µm thick coating in a single working step
Primer coat	Metallic surfaces	COROPUR Zinc M COROPUR PI COROPUR Insulating Primer
	Mineral substrates	COROPUR Fix
Typical layer structure (DIN EN ISO 12 944-5, Im 1, Im 2, Im 3)	COROPUR Tar	1 x 80 µm COROPUR Zinc M 2 x 250 µm COROPUR Tar
	COROPUR Tar 21	1 x 80 µm COROPUR Zinc M 2 x 250 µm COROPUR Tar 21
Available container sizes	COROPUR Tar	1.2 kg / 6 kg / 12 kg containers
	COROPUR Tar 21 + Activator A-873	12 kg container 0.8 kg container

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582 1311 - IV.08 Printed in Germany

