



CORPRO 104

PRODUCT DESCRIPTION

CORPRO 104 is an organic Zinc rich single pack coating

PRODUCT FEATURES

- . Excellent galvanic protection of steel in wet and humid environments.
- . Excellent adhesion to prepared steel substrates.
- . Quick drying.
- . Excellent impact resistance.
- . High film build with a single application.

CORPRO 104 is intended for use as a primer coat on new and existing steel structures. Ideal for patch priming damaged inorganic zinc rich coatings and galvanized steel.

TECHNICAL INFORMATION

Colour: Grey
Appearance: Dull Grey finish.
Generic type: Zinc metal in Organic binder solution
Total solids: 55%
S.G.: 2.0
Viscosity: 85 Ku
Spreading rate: 1.2 m²/ Kilogram.
Solvent: Hydrocarbon
Artificial weathering: Good
Opacity: Opaque

SURFACE PREPARATION

All surfaces are to be clean dry and contamination free. Remove oil, grease and other contaminants with Superclean degreaser followed by a fresh water wash. (Check for water break free) Remove rust, millscale and previous coatings to Grade SA 2½ of International Standard ISO 8501 1: 1988 with a blast profile 50 - 75 µm. CORPRO 104 must be applied before oxidation of the steel occurs. If oxidation does occur the entire surface is to be re-blasted to the above specification. Mechanical cleaning can be done in those areas where blast cleaning is not possible, this however results in a shorter maintenance free life. Mechanical cleaning must be done to Grade St 3 of International Standard ISO 8501 1: 1988

APPLICATION

Stir contents thoroughly, use as supplied. Do not dilute. Minimum dry film of 120µm is recommended for optimum results.

Ensure continuous stirring during application.

Airless spray: Not suitable
Conventional spray: Pressure pot with agitator.
Dilute up to 20% with hydrocarbon solvent.

Brush and Roller: Suitable as supplied. Do not dilute.
Clean up: Hydrocarbon solvent

ENVIRONMENT

It is recommended that application be confined to the following:

Surface temperature: Minimum 10°C Maximum 40 ° C

Ambient temperature: Minimum 10°C Maximum 40 ° C

Relative humidity: 0% - 80 %

Or at least 3°C above dew point.

Do not leave the container open, as the solvent will evaporate.

DRYING TIME

Substrate Temp	Touch Dry	Hard Dry
15° C	1 Hour	4 hours
20° C	45 Minutes	3 hours
25° C	30 minutes	2 hours
30° C	20 minutes	1½ hour

OVERCOATING TIMES

Surface temperature

15° C: 4 hours
20° C: 3 hours
25° C: 2 hours
30° C: 1½ hour

LIMITATIONS

Zinc Metal will settle during storage and application. Ensure thorough mixing prior to application.

Remember this coating is porous and if required to be over coated, a mist coat of the next coat must be applied and allowed to dry prior to the application of a full coat. Bubbles will be the result if this procedure is not followed.

Sustained cold conditions can result in paint failure. Avoid painting on wet substrates and in wet conditions

STORAGE AND HANDLING

Store in a cool and dry area, away from heat, open flames, direct sunlight and severe cold.
Flash point below > 25°C

SAFETY PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

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Information Provided is based on Laboratory evaluations and data believed to be reliable.
Recommendations are given in good faith but without warranty. It is the user's responsibility to determine the suitability for their own use.
It is not to be considered a guarantee of the products properties.

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