

Selection & Specification Data

Generic Type	Single package, non-abrasive liquid acid detergent solution for preparing galvanised surfaces.
Description	Carboclean 251 is designed to remove zinc salts and oxidation products from galvanised steel. A thorough water rinse after use will provide a clean surface suitable for painting. Due to the many types of galvanizing, it is recommended that a test area be applied to ensure that the galvanised surface can be adequately prepared to provide adhesion of the proposed coating systems before painting commences. Not recommended for removal of oil or grease, immersion services or in conjunction with zinc rich primers.
Colour	Clear only
Priming	Galvanised surfaces should be primed as soon as possible after cleaning. Consult StonCor Africa for specific primer recommendations.
Theoretical Coverage Rate	10m ² /litre ready to use (depending on concentration) NOTE: Material losses during mixing and application will vary and must be taken into consideration when estimating job requirements.

Substrates & Surface Preparation

General	Sweep surface to remove dust and dirt. Remove loose rust or scale if present. Remove any grease and storage oils with a suitable water rinseable degreasing agent such as Carboclean 250.
Application	On large areas, like roofs, pour small quantities at a time onto the galvanised steel using a plastic watering can and scrub with soft bristle brooms to spread the solution evenly, ensuring full coverage. Allow Carboclean 251 to remain in contact with the galvanised surface for 5 to 15 minutes and rinse well with clean running water, using hose pipes, while sweeping with soft bristle brooms to obtain a water break-free surface. If necessary, repeat the above procedure until a water break-free surface is obtained. Allow to dry before priming.

Application Equipment

Spray	Spraying is not recommended.
Brush	Use a medium bristle brush for small areas and soft bristle brooms for large areas.

Mixing & Thinning

Mixing	May be diluted with up to 3 parts of clean water, depending on degree of preparation required.
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Drying Schedule

Carboclean 251 may be rinsed with fresh water after 15 minutes and the surface painted as soon as the water evaporates.

Cleanup & Safety

Cleanup	Use water to clean up.
Safety	Carboclean 251 is an acid mixture. Contact with the skin, eyes and clothing should be avoided. Wear rubber gloves and safety goggles when handling.
Caution	Always mix in plastic containers, not metal. Always add Carboclean 251 to water, not vice versa.

Packaging, Handling & Storage

Shipping Weight (Approximate)	Carboclean 251	25 Litre 32 kg
Flash Point	Not applicable – water-based product	
Storage Temperature & Humidity	4 to 65°C 0 to 100% Store indoors	
Shelf Life	24 Months minimum when stored at 25°C	

***Shelf Life: (actual stated shelf life) when kept at recommended storage conditions and in original unopened containers.**

February 2017 replaces June 2011

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