



EPOXYCOAT

TECHNICAL DATA SHEET

May 2023.



DESCRIPTION

RestoFinish Epoxycoat is a two component epoxy primer suitable for use over prepared mild steel, galvanised and zinc coated surfaces. Epoxycoat is a non-toxic anti-corrosive zinc phosphate coating. It is ideal in situations where resistance to chemicals, solvents and aggressive environmental conditions are required. Epoxycoat is the important first coating of the "RestoFinish Process". Epoxycoat has been designed for automotive restoration. Post curing or baking is not required.



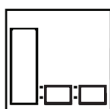
SURFACE PREPARATION

Surface must be clean, dry and free of oil, grease, wax, dirt, foreign matter and rust. Note: Rust can form within hours on bare steel. Use RestoFinish Metal Cleaner as per Technical Data Sheet (TDS). **DO NOT USE WAX AND GREASE REMOVER AS FINAL CLEAN.**

Bare Mild Steel, Galvanized and Zinc coated surfaces: Presence of acid or alkali (commonly found in RestoFinish RusGo, deoxidine and metal conditioners) should be neutralised as per TDS. All steel, foreign matter, including rust and mill scale, should be abrasive blasted to Australian Standards AS1627.4. Alternatively, can be mechanically sanded with P80 grit. Remove debris and blow down with clean dry air. Ensure surface is cleaned with RestoFinish Metal Cleaner as per TDS.

AfterBlast: All exterior parts are likely to require RestoFinish RusGo to ensure any surface rust that may have started during the storage and metal work stages is removed. Parts are to be cleaned with thinners and re-sanded (P80 grit). Remove debris and blow down with clean dry air. Clean thoroughly with RestoFinish Metal Cleaner as per TDS. This ensures any possible contaminants have been removed.

Epoxycoat and Fillers: When applying over RestoFinish Epoxycoat, ensure coating and fillers have been applied, cured and sanded as per Epoxycoat instructions. Remove sanding debris, blow down with clean dry air and ensure surface is clean. If required, use RestoFinish Surface Cleaner on Epoxycoat as per TDS. On bare metal areas use RestoFinish Metal Cleaner as per TDS.



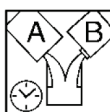
MIXING

Stir each component until consistency is even.

Mixing Ratio is 4:1 (eg. 4 parts Epoxycoat to 1 part Epoxycoat Hardener).

Mix all base and hardener components until completely blended, allow 15 minutes induction time prior to application.

Epoxycoat is to be thinned with RestoFinish Epoxycoat Reducer. 20% as high build. 35% as sealer. Maximum 40%.



POT LIFE

Catalysed Epoxycoat 23°C is two (2) hours.

Use within temperature range 15°C - 30°C.



APPLICATION (SPRAYING)

Two (2) medium coats.

Apply one (1) medium coat, allow 15 - 30 minutes, then apply second coat.

Film build per coat (unreduced) is 75 microns.



GUN SETUP AND CLEANING

Fluid tip 1.4 - 2.0mm Gravity feed @ 25-35 PSI.

Clean equipment with RestoFinish Epoxycoat Reducer.



FINISHING

Once cured, surface needs to be abraded (P80 - P120) before recoating, filler application or additional primers.

Ensure surface is clean before additional coatings. All primers are an intermediate coating. Coated parts must be stored in a suitable environment away from UV and excessive moisture.



DRYING TIME

Touch Dry (@25°C) 2 Hours

Full cure (@25°C) 3 Days

HEALTH AND SAFETY FOR PROFESSIONAL USE ONLY. Full instructions must be read before use. Please refer to RestoFinish Epoxycoat – Part A Safety Data Sheets (SDS) and product labels for full Health and Safety details and product handling instructions. **IMPORTANT:** This product contains hazardous materials and appropriate PPE (personal protective equipment) must always be used.

Products are suitable for professional use only. The data on this sheet indicate typical values. As application variables are a major factor in product performance, this information should serve as a general guide only. The data included in this application are based on our present knowledge and experience. RestoFinish assumes no responsibility or liability for use of this information. **UNLESS RESTOFINISH AGREES IN WRITING, RESTOFINISH ASSUMES NO WARRANTIES, EXPRESS OR IMPLIED, AND REPUDIATES ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR SUITABILITY FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. RESTOFINISH WILL NOT BE LIABLE FOR ANY INCIDENTAL, SPECIAL OR SIGNIFICANT DAMAGES.** Your only remedy for any fault in this product is the replacement of the defective product, or a refund of the product purchase price, at our discretion. The latest version supersedes all preceding versions. You can obtain the most recent version from our website www.restofinish.com.au or directly from your sales agent. It is the responsibility of the beneficiary of our products to verify that any proprietary rights and existing laws and legislation are observed. RestoFinish© (a division of Global Finish Pty Ltd). All rights reserved. v0523

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