GERMA-TECH

THE FINEST AUTOMOTIVE REFINISHING TECHNOLOGY

FAST DRY
EPOXY PRIMER

Technical Data Sheet:

07.2022

Product Details:	
Product Name:	FAST DRY Epoxy Primer
Product Description:	Germa-Tech Fast Dry Epoxy Primer gives excellent rust proofing for bare metal, good adhesion power to iron, steel, aluminum and galvanized steel. Specifically designed to advance normal drying times, suitable for small to very large surface areas.

Substrates:	
	Sanded and dried existing finishes. Sanded steel, iron, galvanised steel, aluminum, and fiberglass. Plastic automotive parts require plastic primer application.

Surface Preparation:	
	Remove Wax, Silicon and other contaminants with Germa-Tech Prepsol

Directions For Use:

Mixing Ratio:

Mixing Ratio	Epoxy Primer +	Hardener +	Thinner
Volume	3.5	1	1 (30%-35%)
By Weight	5	1	1 (20%-30%)
>30 ˚C	GPY1350	GPY1650	GPY1750

Pot Life:

Pot-Life at 25 ˚C
3-5 hours with Hardener

Shelf Life:
Shelf Life is up to 36 months if unopened and stored in a cool dry place (below 20°c). Shelf life is an optimal guide and the product is manufactured and tested to exceed shelf life recommendations, avoid ambient temperatures above 20 and exposure to direct sunlight which are amongst common factors that will diminish storage shelf life. Contact the distributor or manufacturer if requiring further advice.

If stored correctly, it can be used for up to 12 months from opening the original seal

Spray Gun Set Up:

Gravity Feed: 1.4-1.8mm Suction Feed: 1.7-2.0mm
Conventional: 3-4 bar RP: 2.0-2.5 bar HVLP: 2.0 bar

Coats And Thickness:

Spray viscosity: DIN4 cup 22-24 seconds s/30˚C
1-2 coats, total 20-30um

Drying Time:

Drying Times	
Flash Off Time	At 20˚C 5-10 minutes between coats.
Air Drying Time	At 20˚C 4-6 hour dry time
Force Drying Time	At 60˚C 40 min - 1 hour dry time

Sanding Grit:

Dry Sanding with P240 - P400

	Wet Sanding with P600 - P800
Re-Coat:	Can recoat with primer after flash-off time of 10-15 minutes

Additional Information

Package:	5kgs
Notes:	1. For oxidized iron and cast iron, shot blasted sa2.5 class with roughness of 30-75um, or acid wash the oxidized parts 2. It is recommended to bake at 60-70 for 60 minutes when temperature is below 10˚C for better curing of the paint film. 3. Choose the right hardener and thinner to avoid poor curing paint film. 4. Product must be cured before application of 2k Primer or Wet on Wet Primer 5. Cured product must be sanded immediately before application of primer 6. Top coat colour can be applied directly to cured and sanded Epoxy Primer, this process is recommended only for industrial applications and not automotive applications. For automotive applications a 2k primer or wet on wet should be applied prior to top coat.

The information contained in this file is presented in good faith based on thorough laboratory and field testing but without warranty. As we have no control over the conditions under which these products are used, it is recommended that all products be tested by the end user to ensure the suitability of the product for the particular application and conditions.