Technical Data Sheet





2K EPOXYPRIMER

A high build, fast-drying, multi-substrate primer with excellent adhesion and corrosion protection properties to all ferrous and non-ferrous metal surfaces such as galvanised steel and aluminium. It is specially formulated to enhance adhesion and anti-corrosion properties to provide the ultimate long term protective coating system.

Technical Data

Technical info	
Mixing ratio	Mix 4 parts 2K Epoxy Primer to 1 part 2K Epoxy Hardener by volume
Thinning ratio	Use Generation20 2K Epoxy thinners 10 - 40%
Resin	Epoxy resin
Colour	Grey
Pot Life	6 hours at 20°C
Dry Film Thickness	50-100 µm
Theoretical Coverage	10m2 / litre at 50 μm
Viscosity	DIN 6: 30-40s at 20°C
Vol Solids	50% by volume
VOC	Max 580 g/l in the ready to use form
Storage	Store in a cool dry place in original container between 10°C - 25°C

Application Guide

Substrates

- Bare steel
- Aluminium
- Galvanised

- Wood
- GRP/SMC

Surface Preparation

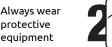


All surfaces must be clean, dry and free of grease

Sand substrate prior to coating (see sanding table below)

Substrate sanding guide		
Bare Steel	P80	
Zinc coated/Galvanise	P180	
Aluminium	P180	
Wood	P180/240	
Body Filler	P180/240	
GRP/SMC	P180/240	







Ensure surface is cleaned and free from grease. Use a suitable degreaser such as Generation20 Panel Wipe



Mix 4:1 with hardener



Apply 2 – 3 cross coats. Dry film thickness – 50um depending on application



Allow to dry (see drying times below)



Wet on wet overcoat after 30 minutes



Wet or dry sand after 3 – 5 hours



Repeat previous steps to achieve the desired finish

Drying times @ 20°C		
Dust-free	30 minutes	
Wet on wet over coatable 50µm	30 minutes	
Dry to handle	2-3 hours	
Dry to sand	3-5 hours	
Fully cured	5 days	
Baked @ 60°C	30 minutes	

IMPORTANT

Do not stack or load heavy objects onto the painted surface until the coating is fully cured. Always adhere to the drying times above. Thicker coats will extend the final curing time.

DISCLAIMER OF LIABILITY