

Technical Data Sheet

PROPELLING EXCELLENCE
PROXL[®]

generation

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2K EPOXY PRIMER

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	10m ² / 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



1 Always wear protective equipment



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



3 Mix 4:1 with hardener



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



5 Allow to dry (see drying times below)



6 Wet on wet overcoat after 30 minutes



7 Wet or dry sand after 3 – 5 hours



8 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.

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