

# POLYROOF QUICK DRY 2-PACK EPOXY PRIMER

## TECHNICAL DATA SHEET

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### Introduction

Polyroof Quick Dry 2-Pack Epoxy Primer is a two-component epoxy primer with minimal odour. The primer is used in conjunction with the Protec Evolve and Xtraflex Systems.

The primer may be used on Metal Surfaces, Dense Concrete, Plywood, OSB3, and any volatile or friable bitumen. Important - For application onto highly porous surfaces or to single ply an alternative primer will be required (Subject to adhesion tests).

The primer may also be used in conjunction with other Polyroof systems subject to approval by Polyroof Technical Services.

### Key Features

- Touch dry in 30 minutes.
- Can be overcoated after 2-4 hours
- For use on Metal, Concrete, Plywood, OSB3, and Bitumen
- Has anticorrosive properties for metal surfaces

### Product Information



Code	Item	Pack Size	Approx. Pack Coverage
1220 66	Quick Dry 2-Pack Epoxy Primer	4 ltr	40-60m <sup>2</sup>

### Technical Data

Characteristic	Value
Base	Epoxy
Colour	Beige
Temperature resistance	-30°C -- 90°C
Application temperature	5°C -- 30°C
Coverage*	10m <sup>2</sup> -- 15m <sup>2</sup> per litre
Solids (by volume)	Approximately 71%
Mix ratio (Base:Activator)	Volume 5:1 / Weight 10:1
Touch-Dry Time (20°C)	30 minutes
Min Overcoating Time**	2 -- 4 hours
Full cure	7 days (at 20°C)
Pot life (20°C)	8 hours
Storage	5°C -- 25°C
Shelf life	12 months
Environmental	Solvent-based / Flammable / Hazardous

Coverage is approximate and may be affected by porosity and surface-type. On porous surfaces two coats may be required.

\*\*Drying and overcoating times may vary according to temperature.

Please note: Information, as regards temperature or timings, represents normal working conditions and is guideline only.

### Application

Substrate temperature should be ≥5°C for application and cure, and minimum 3°C above the dew point.

Polyroof Quick Dry 2-Pack Epoxy Primer is supplied as an easily mixed twin-pack kit (4L / 6.05kg). Mix well before use. Apply Polyroof Quick Dry 2-Pack Epoxy Primer using a brush or roller at approximately 10-15m<sup>2</sup> / litre.

Please contact Polyroof Technical Services for further guidance.

### Preparation and Installation

For full guidance on preparation of substrates please refer to relevant system application manual or project specification. **Alternatively contact Polyroof Technical Services.**

Prior to application, adhesion should be tested on site to ensure that sufficient adhesion will be achieved, and to determine priming requirements.

All surfaces to be coated are to be inspected and made good where required to provide a sound substrate. Ensure surfaces are clean, dry and free from contaminants such as dust, oil, grease, organic growth, sand and free from corrosion, laitance etc.

Metal surfaces should be free from rust and degreased / abraded prior to treatment. Any un-weathered galvanised surfaces will also require pre-treatment with Mordant T Wash (Consult Technical services for further guidance).

### Storage and Handling

Polyroof Quick Dry 2-Pack Epoxy Primer should be stored unopened in a dry condition at a temperature of 5 -- 25°C.

The product is protected with a layer of nitrogen, this ensures a storage life of 12 months, provided that the container is left unopened in a dry condition at a temperature of 5 -- 25°C. Once opened, the layer of nitrogen will disappear and the product's storage life be limited.

Please note: Carbon dioxide will be released if water enters the adhesive container -- this may cause pressurisation.

### Health and Safety

Safety Data Sheets available on request.

### Technical Assistance

For further information, please contact Polyroof Technical Services on 0800 801 890, More information can also be found at [www.polyroof.co.uk](http://www.polyroof.co.uk).