

## Flexitec Primer Technical Datasheet

### 1. Brief Description:

Flexitec Primer is a multi-functional primer for use with polyester and other resins; particularly with RML's Flexible Polyester Roofing Resin.

**Material:** polyester-based primer

**Properties and Advantages:**

- Easy to apply
- Low consumption rate
- Same day overcoatability

**Areas of Application:** Flexitec Primer is used as a bonding agent between substrates and RML waterproofing systems.

**Packaging:** 5kg sealed metal tin

**Colours:** Flexitec Primer is pre-pigmented white.

### 2. Storage:

Observe label precautions. Store in a dry, cool, and well-ventilated area. Keep away from heat and direct sunlight. Keep container tightly closed. Keep away from sources of ignition. No smoking. Prevent unauthorised access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

### 3. Application Conditions:

Flexitec Primer should be applied in dry conditions between 5°C and 30°C ambient air temperature. Do not begin if conditions could fall outside of the temperature range and/or if rain appears likely. For best results apply in cool overcast conditions and avoiding direct sunlight if possible.

### 4. Technical Data:

Coverage Rate	5kg tin = 17–26 m <sup>2</sup> /litre
Viscosity @ 25°C - 60RPM	900 - 1000 CPS
Thixotropic Index	4.5 - 5.5
Gel Time @ 25°C - using RML Powder Catalyst (3%)	12 - 13 Minutes
Specific Gravity	1.14 g/cm <sup>3</sup> (20°C)
Flashpoint	21.5°C
Shelf Life (unopened containers stored at < 25°C)	12 months from delivery date

## 5. Recommended Hardener Rates:

The temperature ranges shown are to be used as a guide to the amount of hardener to use. Always test the pot life in the prevailing conditions by performing a test mix at the suggested hardener start level, do this before you start laying the resin to determine actual hardener level.

Hardener Addition Rate:	4%	3%	2%	
Temperature Range:	5 - 10°C	11 - 17°C	18 - 30°C	
Amount of Flexitec Primer		Hardener Scoops	Hardener Scoops	Hardener Scoops
Volume	Weight			
1 ltr	1.1 kg	4	3	2
2 ltr	2.2 kg	8	6	4
3 ltr	3.4 kg	12	9	6
4 ltr	4.6 kg	16	12	8

## 6. Product Application:

**Application Equipment / Tools:** For applying the product: - Roller (or brush if access is restricted).

**Substrate Preparation:** Clean the substrate with an RML Cleaning Agent and a lint-free cloth and allow the surface to dry completely (approx. 15 minutes) prior to application of the product.

**Mixing:** Mix the primer thoroughly by stirring within the original container prior to application.

**Application:** Roller-apply a thin coat of primer to the substrate. Avoid excess build-up of material in all areas, and especially in corners. If necessary, use a brush to spread the material evenly and avoid greater layer thicknesses. The cure time is approximately 30 – 60 minutes depending on application conditions. Ensure that the Flexible Polyester Primer is overcoated within 7 days. Further information can be found within the Flexible Polyester Roofing Resin Application Manual.

**Cleaning:** When work is completed, clean the tools thoroughly with an RML Cleaning Agent within the pot life of the material. This can be done with a brush. Do not use the tools again until the Cleaning Agent has evaporated fully. Simply immersing the tools in the cleaning agent will not prevent the material from hardening.

**Information on Safety and Risks:** Please refer to the safety data sheets for the products used.

**General Information:** The above information, especially information about application of the products, is based on extensive development work as well as many years of experience and is provided to the best of our knowledge. However, the wide variety of requirements and conditions on site mean that it is necessary for the product to be tested to ensure that it is suitable for the intended purpose. Only the most recent version of the document is valid. We reserve the right to make changes to reflect advances in technology or improvements to our products.