TESCO TUFF FLEXIBLE PRIMER
PRODUCT DATA SHEET

Product & Application Tools





Product Name	Colour	Coverage Rate	Approximate Coverage
Flexible Primer	White	4-5m²/litre	17-26 m²

Description

Flexible Primer is a multi-functional primer for use with Resology Systems.

Flexible Primer is for suitable for use on surfaces including asphalt, built-up roofing felt, concrete, brickwork, masonry, and other substrates subject to adhesion testing.

Accessory Components

Flexible Primer requires Granule Hardener for curing and optional Flexible Primer Accelerator for low temperature applications.

Code	Item	Pack Size
102003	Granule Hardener	1kg
158103	Flexible Primer Accelerator	500 ml

Features

- Fast Curing – 30 to 60 minutes
- For most common roofing substrates

Storage Recommendations

Always store closed containers in a cool, ventilated and dry location away from heat and oxidizing agents. Do not store in direct sunlight or in temperatures at or below 0°C or above 25°C. Approximate maximum shelf life is 12 months when properly stored, sealed, and unmixed.

Limitations

The ideal application temperature is between 5°-30°C. The substrate temperature at application should be between 5°- 40°C. With addition of Flexible Primer Accelerator, the minimum application temperature can be as low as 1°C.

Recommended minimum cure and maximum re-coat times should always be followed. When the primer is left exposed to the elements for longer than the recommended period or has been contaminated or damaged beyond cleaning or repair, the primer must be completely removed and re-applied.

Adhesion/peel tests should be performed prior to application to ensure adequate bond can be achieved.

Mixing & Application

Before applying Flexible Primer, ensure that substrates are prepared correctly in accordance with the relevant application recommendations.

In very hot conditions and particularly when carrying out detailing work, it is recommended that smaller mixes are considered to allow sufficient time to apply. Please note never to go below the minimum recommended catalyst addition rates.

Stir the Flexible Primer thoroughly in the original container, mixing from top to bottom, for two minutes before use. Granule Hardener is added to Flexible Primer in the form of level scoops using the scoop provided. Refer to the catalyst information found on this TDS.

After mixing, apply primer to substrate at the required coverage rate within the range of 4-5m²/litre using a roller or brush. The primer should be applied evenly onto the surface using care not to spread too thin or pool in low areas.

Safety & Handling

Please refer to the relevant Safety Data Sheet (SDS) prior to handling or use. Use materials in strict accordance with published recommendations. Dispose of waste materials in accordance with local regulations.

Technical Assistance

For further information, please contact Tuff Technical Services on 01977 680250. More information can also be found at www.tuffstuff.co.uk

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Application Quick Facts						
Unit Size L	Unit Coverage[1] m^2	Ambient Temperature[2]	Substrate Temperature	Rain Proof & Pot Life[3]	Next Layer Minimum[3]	Next Layer Maximum[3]
10	40 - 50	1° - 35°C	1° - 40°C	15 – 30 minutes	30 – 60 minutes	7 days

Notes:
[1] Coverage is approximate and may be affected by surface-profile.
[2] Application temperatures between 1ºC to 5ºC require use of Low Temperature Accelerator.
[3] Pot life, rain proof, working, and cure times are approximate and may vary depending on sun exposure, wind, humidity, as well as the ambient, substrate, and resin temperatures at time of application.

Physical Properties	
Description	Property
Colour	White
% Solids	100
Density	1.14
Viscosity (cps) @ 25°C & 60 RPM	900-1000
Thixotropic Index	4.5 – 5.5
Flash Point °C	21.5
Note: Data represented above are average values unless noted otherwise.	

Catalyst & Accelerator Mixing Chart				
Temperature Range	**1-4°C**	**5-10°C**	**11-17°C**	**18-35°C**
Catalyst Addition Rate	**4%**	**4%**	**3%**	**2%**
Additive	**Required**	**Optional**	**N/A**	**N/A**

Amount of Flexible Primer Liters	Catalyst Scoops Required			
1	**4**	**4**	**3**	**2**
10	**40**	**40**	**30**	**20**

IMPORTANT: The temperature ranges and catalyst addition shown are to be used as a guide. Catalyst levels may be adjusted up or down as required to suite prevailing conditions but should NOT go below the minimum recommended catalyst addition rates. Tested pot life before starting application. In very hot conditions and particularly when performing detailing work, smaller batch mixes are recommended to allow sufficient application time.

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