



Fleet Primer P

Fleet Primer P is a fast-reactive primer used as a barrier on absorbent substrates in preparation for the later application of Fleet waterproofing.

PROPERTIES AND ADVANTAGES

- Easy to apply
- Fast-curing
- Very good adhesion on absorbent substrates
- Hydrolysis- and alkali-resistant
- Solvent-free

AREAS OF APPLICATION

Fleet Primer P is used for the pre-treatment (primer and barrier) of slightly absorbent mineral and timber substrates (concrete, screed, wood etc.) in preparation for the later application of Fleet waterproofing/surfacing products.

COLOURS

Fleet Primer P is available in the following standard colours:

- Unpigmented
- White

PRODUCT FEATURES

Material:

2-component, fast-reactive / fast-curing PMMA-based (polymethyl methacrylate) resin primer

PACKAGING

Summer
10.00 kg Fleet Primer P
0.30 kg Catalyst (3 x 0.1 kg)
10.30 kg

Winter:
10.00 kg Fleet Primer P
0.60 kg Catalyst (6 x 0.1 kg)
10.60 kg

APPLICATION CONDITIONS

Temperatures

The product can be applied within the following temperature ranges:

01202 785 200

info@icbwatertight.co.uk

icbwatertight.co.uk

UK Head Office, Unit 9-11 Fleets Industrial Estate Willis Way, Poole, Dorset BH15 3SU



PRODUCT	TEMPERATURE RANGE IN °C		
	Air	Substrate*	Material
Fleet Primer P	+3 to +35	+3 to +50*	+3 to +30

* The substrate temperature must be at least 3°C above the dew point during application and curing

MOISTURE

The surface to be coated must be dry. The surface must be protected from moisture until the coating has hardened. Concrete substrates shall have a maximum moisture content of 6% or 75% relative humidity, and be prepared as required to provide adhesion of the membrane to substrate with a minimum bond strength of 116 psi (0.8 N/ mm²) for roofing applications or 219 psi (1.5 N/mm²) for traffic systems. Determinations of bond strength and moisture content shall be performed periodically by the contractor throughout the course of work.

STORAGE

Store products sealed in their original airtight container and in a cool, dry and frost-free place. Unopened products have a shelf life of at least 6 months. Direct sunlight on the containers should be avoided, including on site. After removing some of the contents, reseal the containers so they are airtight.

REACTION TIMES AND REQUIRED AMOUNTS OF CATALYST

		FLEET PRIMER P (at 20°C, 3% catalyst)
POT LIFE		approx. 10 minutes
RAIN-PROOF AFTER		approx. 30 minutes
CAN BE WALKED ON / OVERCOATED AFTER		approx. 30 minutes
CURING TIME		approx. 2 hours

PRODUCT	Substrate temperature in °C; required amounts of catalyst in % w/w (guide)												
Fleet Primer P	-10	-5	+3	5	10	15	20	25	30	35	40	45	50
	N/A	N/A	6%	6%	4%	4%	2%	2%	2%	2%	1%	1%	1%

CONSUMPTION RATES	SUBSTRATE	CONSUMPTION
	Smooth	0.40kg/m ²
	Fine-sandy	0.50kg/m ²
	Rough	0.80kg/m ²
TECHNICAL DATA	Density	1.06g/cm ³



PRODUCT APPLICATION ; EQUIPMENT / TOOLS

For mixing the product:

- Twin-Paddle stirrer

For applying the product:

- Sheepskin roller

SUBSTRATE PREPARATION

The primer must only be applied to a prepared substrate. Please refer to the appropriate application guide for information about correct surface preparation.

MIXING

First stir the tub contents thoroughly. Then add the catalyst while stirring the resin at the slow-speed setting and mix for 2 minutes. Make sure that the product on the base and sides of the container is mixed in. At product temperatures < 10°C the product should be stirred for 4 minutes, as the catalyst will take longer to dissolve.

APPLICATION

Use the sheepskin roller to apply an even film forming coat of primer. Avoid creating puddles of primer. Once the coating has cured, apply a second coat to cover any defects (bubbles, areas not fully coated).

PREPARATION FOR SUBSEQUENT LAYERS:

For the subsequent application of Fleet Mortar : Once the primer has hardened, apply a second layer and top with a little quartz sand (0.1 – 0.2 kg/m² at 0.2 – 0.6 mm) while the primer is still wet. The sand topping creates the necessary key, i.e. roughness, for application of the mortar. Never apply the topping to the first coat of primer.

CLEANING

If work is interrupted or when it is completed, clean the tools thoroughly with Fleet Cleaning Agent within the pot life of the material (approx. 10 minutes). 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. Refer to Material Safety Data sheet for disposal information.

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.



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