

Product Data Sheet

FORCE PRIME Primer

Cold applied bituminous solution for priming decks prior to the application of bitumen roof waterproofing materials

DESCRIPTION AND USE

Force Prime is a low viscosity, high penetration bitumen primer designed to seal porous decks and to promote the adhesion of bitumen waterproofing membranes and sheet coverings. It can be applied to a variety of surfaces:

- Concrete roof slab
- Metal decks – zinc, mild steel, lead
- Timber roof decks (plywood / OSB)
- Existing waterproofing (bitumen membranes and asphalt)
- Asbestos cement
- Slate and lightweight concrete screeds.

PRODUCT INFORMATION

- Colour: Black. Available in 25 litre plastic containers.

APPLICATION

Force Prime may be applied to slightly damp surfaces but should not be applied in wet weather, when rain is likely or when drying conditions are poor. Application is by brush or spray, ensuring an even coat with no pooling.

Surface Preparation

All surfaces must be free from oil, dirt, dust and loose debris. On metal surfaces all loose rust should be removed using a wire brush and where advanced signs of corrosion are evident, care must be taken to treat the area with a rust inhibitor. For best results, surfaces must be dry although Force Prime will adhere to damp (but not wet) surfaces.

Drying time

Force Prime is resistant to rainfall within 20-30 minutes of application.

It is essential after priming concrete or screeded surfaces that the coating is completely free of solvent and therefore a safe drying time of two hours should be allowed.

Coverage:

Coverage per litre depends upon porosity of the surface:

Metal surfaces	6 - 12m ² / litre
Concrete	6 - 8m ² / litre
Lightweight concrete screeds & asbestos cement	3.5 - 5m ² / litre
Timber (plywood / OSB)	6 - 8m ² / litre

Cleaning tools

Tools should be cleaned with white spirit. Minor spillages should be wiped off surfaces before the compound has set. Major spillages should be mopped up immediately with an inert, absorbent material (e.g. sand) and disposed of in accordance with regulations.

Storage life

Indefinite in undamaged, tightly sealed containers. Containers must be kept sealed and stored away from sources of heat and ignition.

HEALTH & SAFETY

Force Prime is solvent based and gives off an inflammable vapour. The solvent may have a narcotic effect if inhaled or absorbed through the skin. In extreme cases contact with the skin may cause dermatitis.

In case of fire use dry powder, carbon dioxide (CO₂), foam, sand or earth.
Never use water as this may spread the fire.

The following precautions are advised:

- Wear protective clothing
- Avoid smoking, hot lights, naked flames or creating sparks
- Never ingest, wash hands thoroughly before eating or drinking
- Avoid contact with the skin, eyes and non-protective clothing. Remove skin contamination immediately with a proprietary hand cleaner and wash with soap and water.
- When working with the product, until it has dried, ensure that the area is well ventilated thereby avoiding build-up of solvent vapour.
- Do not apply to rooflights, windows, glass or translucent sheets as they will constitute a hidden hazard.

Please also refer to the MSDS (Material Safety Datasheet) for full details. Copies are available from Axter Ltd.

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