

A SEALER OR PRIMER FOR ALL POROUS AND NON-POROUS SURFACES

SPECIFICATIONS

Component to be used as a primer for all Bituminous systems, including Deltaplast and Scudoplast.

Surface to be coated with a bituminous primer at a rate of $\pm 3\text{-}5\text{m}^2/\text{litre}$, depending on surface porosity.

On very porous surfaces, a second coat may be necessary.

TYPICAL PROPERTIES

Colour	Black
No. of Components	1
Coverage $\pm 3\text{-}5\text{m}^2/\text{litre}$	$\pm 3\text{-}5\text{m}^2/\text{litre}$
Surface Preparation	Apply Over Clean, dry surface
Flash Point	30°C
Drying Time	2-4 Hours
Solids % Mass	32%
Application Temperature	10°C to 35°C
Overcoat Time	4-6 Hours

INSTRUCTIONS

Surfaces must be clean, sound and dry. All surfaces must be free from oils and grease and laitance removed from cementitious surfaces. Application must be done by brush or roller. Primer must be allowed to dry completely, prior to overcoating to prevent entrapment of solvents.

RUBBERISED BITUMINOUS WATERPROOFING

SPECIFICATIONS

A flexible waterproof coating used in conjunction with a reinforcing fabric as a flexible waterproofing system for flashings, parapet walls and overlaps in roof sheeting. This should be applied after the prime coat. At least 3 layers should be applied, thus

First coat: To be applied generously by brush or roller at approximately 1 litre/m². While still wet the reinforcing fabric is placed into the first coat and is smoothed out carefully, ensuring the fabric is wetted out with no wrinkles, and allow to dry.

Saturation Coat: To be applied at right angles to the first coat at approximately 1 litre/m² to fully saturate the membrane from both sides. Allow to touch dry.

Final coat: To be applied again at right angles to the previous coat, ensuring that no sign of the reinforcing is visible.

PROTECTIVE COATING:

This should be applied to prevent any damage from ultra-violet light. At least 4 Days should be allowed before applying the protective coating. An Aluminium Paint is recommended as a UV coating.

TYPICAL PROPERTIES

Colour	Black
Consistency	Thixotropic Liquid
Drying Time	24 Hours
Solids % Mass	49%
Application Temperature Range	5°C to 40°C
Theoretical Coverage of Reinforced System	3-5m ² /litre/coat
Optional Coat	0,75 litres/m ²

INSTRUCTIONS

All surfaces must be clean, sound and dry. Remove all loose materials with a wire brush, or by sandblasting. Metal surfaces should be free of rust.

FLEXICOAT

SPECIFICATIONS

This component is used for the protection and waterproofing of concrete and brick structures and can be used in conjunction with a non-woven geotextile for waterproofing systems.

Uses Include:

- Excellent weather resistance.
- Forms an effective barrier to sulphates and chlorides.
- When mixed, the product does not segregate or settle. Important when applying away from the point of mixing.
- Does not check, crack or powder.
- Good crack accommodation after curing (maximum of 0.3mm).
- Ease of application by block brush.

TYPICAL PROPERTIES

Colour	Light Grey Cementitious Colour
Number of Components	2, i.e. 20kg Powder + 8.7kg Polymer
Mix Ratio	Mix entire kit
Yield	19 Litres
Recommended Coverage	9.5m ² at 2mm thick
Apply Over	Concrete or bricks and blocks
No. of Coats Required	1 to 2, depending on surface profile and porosity
Apply By	Block Brush / Spray
Curing Time	3 Days at 25°C
Cleaning	Water
Application Temperature	5 to 40°C

INSTRUCTIONS

Surface must be clean, sound and free of shutter oil, curing compound, etc. Prior to application, the surface should be cleaned with a wire brush and thoroughly soaked with water. Dampening to be maintained immediately ahead of application to avoid ravelling.

FLEXIBLE WATERPROOFING

SPECIFICATIONS

This component is used for flashings, parapet walls, sealing laps and roofing screws on corrugated or galvanised roofs.

TYPICAL PROPERTIES

Finish	Semi Gloss
Colours	Grey, Charcoal, Terracotta and White
Type	Flexible reinforced resin
Drying Time Surface	8-12 Hours
Volume Solids	42%
Application Temperature	5°C to 35°C
Theoretical Coverage	1,8-2 litres/m ² with reinforced membrane
Apply By	Brush or roller
Apply Over	Clean, dry, sound masonry and clean galvanized steel surfaces
Thinner	Water
Total Thickness of Applied System	1-1,5mm with Pro-Struct 200 Membrane
VOC Content	6g/l

INSTRUCTIONS

Always apply during good weather conditions and avoid applying if rains are expected within 12 hours. All surfaces must be clean, sound and dry. Remove all loose materials with a wire brush. Metal surfaces should be free of rust. All brickwork surfaces should be plastered to a true, smooth finish.

POLYURETHANE ELASTOMERIC SEALANT

SPECIFICATIONS

This component is a moisture curing polyurethane, high performance sealant. It is ideal for use in a range of demanding construction applications. It is suitable for sealing dynamically moving joints in precast concrete construction and curtain wall joints.

It is ideal for sealing wide vertical joints up to 100 mm, and for perimeter caulking of windows, doors, panels, etc.

Compatible with most building materials such as concrete, brickwork, natural and artificial stone, steel, aluminium, wood, ceramic tiles, rigid plastics, etc.

- Ideal for use in high movement, high performance joints up to +100 % / -50 %
- Excellent resistance to weathering, ageing and the effects of UV exposure
- Easy to use: Single component and rapid curing, with no primer required in most applications
- Can provide a 3 hour fire and temperature rating for joints in concrete walls and floors
- Meets the requirements of BS EN ISO 11600 F-25LM, DIN 18540 F, SNJF elastomère 1ère cat and CAF approved

TYPICAL PROPERTIES

Colour	White
Specific Gravity	1,28
Consistency	Non-sag
Skin Forming Time	40 minutes
Cure rate	4mm / 1st day, 10mm/6days
Tensile Strength	0,26MPa
Ultimate Elongation	634%
Modulu at 100%	0,13MPa
Hardness Shore A	15
Elastic Recovery	89%
Sevice Tempareture Range	-40 °C to +90 °C
Movement Capability	+100 % / -50 %

INSTRUCTIONS

- Joint faces should ideally be clean, dry, sound and free from grease and any other contaminants likely to impair adhesion.
- Loose friable material must be removed and arrisses made good.

POLYUREA-POLYURETHANE HYBRID LINING

SPECIFICATIONS

This immersion grade lining provides durable, flexible, waterproof membrane that can withstand significant impact and abrasion. It is also formulated to resist a variety of chemical solutions. This system can be applied over a broad range of substrates and in varied environmental conditions. It should be a very good resistance to wastewater, caustics and moderate concentrations of acids.

Its uses include:

- Wastewater treatment / storage
- Secondary containment areas
- Bulk tank farms
- Waterproofing
- Tank liners
- Scrubber decks
- Chutes
- Mechanical rooms
- Parking structures
- Helicopter decks
- Refrigerators / freezers
- Truck loading ramps
- Flexible deck flooring
- Mezzanines
- Interior walls and ceilings
- Laboratories

TYPICAL PROPERTIES

Colour	LIGHT GREY
Tensile Strength (ASTM D-638)	18a
Hardness (ASTM D-2240, Shore D)	50
Abrasion Resistance (ASTM D-4060, CS-17)	0.035gm max. weight loss
Elongation (ASTM D-638)	125%
Low Temperature Flexibility (ASTM D-522)	-23°C
Flammability (ASTM D-648)	Class 1
VOC (ASTM D2369, Method E)	< 1 g/l
Cure Rate	8 Hours for foot traffic 24 Hours for chemical or immersion