

BITUMEN PAINT Information Sheet



Areas of Use

It is used to protect the following from water:

- ferrous and non-ferrous metals
- concrete
- roofing felt
- fibre/cement
- corrugated iron
- asphalt
- wood
- asbestos cement
- stone
- brick

Key Benefits

- Reduces corrosion and decay.
- Resistant to most salt solutions, some dilute acids and alkalis, water and alcohol.
- Can withstand prolonged oxidation.
- Multi-purpose product.
- Can be used on a wide range of materials.
- When dry it forms an odourless and taint-free bitumen film.

Description

Bitumen Paint provides an effective waterproof, weatherproof, chemical and corrosion resistant protective coating. It can also be used as a primer or sealant on rough, porous or friable surfaces when using flashing tape to ensure a good seal.

Directions for use:

Preparation:

- As with all surface coatings, preparation of the area is key and will influence the degree of adhesion obtained and the life of the coating.
- Therefore, ensure that the surface to be treated is sound and stable.
- Also, thoroughly clean it. All loose flaking paint, dirt, dust and grease etc. should be removed so that the surface is completely free from loose matter.
- Metal surfaces should be wire brushed to remove rust. Where long term protection is required, an initial treatment of a rust inhibitive product such as red lead or zinc phosphate should be used.
- Make sure that the surface is free from water, as Bitumen paint may be applied to slightly damp but not wet surfaces.

Application:

- Bitumen paint is supplied ready for use and should not require thinning.
- Apply at least two coats by brush or spray allowing each coat to dry before applying the next.
- If you are applying to concrete or stone surfaces we strongly recommend that you apply an initial coat of Bitumen Primer. Since these surfaces can be porous a primer will help make application easier and will produce much better results.
- Apply evenly and ensure no pooling of the solution.

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Examples of Uses

- Metal protection – corrugated iron sheds, fire escapes, stairways, ladders, storage tanks, gutters, down-pipes, fences, railings, gates etc.
- Protecting drinking water tanks.
- Providing a waterproof and protective coating for concrete structures, stone, brick, concrete screeds and sand/ cement surfaces.
- Providing protection for all outdoor constructions below ground or in contact with the ground.

Product Data

Appearance: Black liquid.

Shelf Life: Minimum of 5 years under good storage conditions in original unopened containers.

Storage: Store under cover away from sources of heat and ignition. Keep containers sealed when not in use.

Coverage: Approximately 4-6m² per 1 litre (dependant on service conditions)

Service Temperature Limits: -20°C to 50°C depending on service conditions.

Application Temperature Limits: Normally 5°C to 40°C and free from ice/water.

- Please note that at very low service temperatures the coating will become less flexible, while at high temperatures it becomes soft and less resistant to degradation by the environment, and will ultimately flow.
- **Water Tank Application:** Brush application is recommended to ensure a thorough coating of all recesses, edges, rivets and bolts. Apply 2 coats, allowing at least a 24 hour drying period between coats (drying may be assisted by the provision of a forced air draught). It is important that the first coat is completely dry before application of the second.
- Use clean uncontaminated application equipment. After the second coat has dried and before the tank is put into use it should be filled with cold drinking water and drained after not less than 4 hours. If a taste is detected in this water, the process should be repeated.

Drying Time:

- Approximately 6 hours depending on drying conditions.

Cleaning of Tools:

- Clean with paraffin (kerosene) or white spirit. Spillages should be wiped off surfaces before the Bitumen Paint has set.

Limitations:

- **Do not use over tar based products or if surface temperatures can rise above 65°C.**
- **Not resistant to oils, solvents, some detergent solutions.**
- **This product is not suitable for fish ponds.**
- **Bitumen Paint may bleed through any paints subsequently applied over it. Apply a primer recommended by the paint manufacturer before painting over.**

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Important Information

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Safety:

- **Flammable:** Keep away from sources of ignition including pilot lights and sparks. Take precautionary measures against static discharge. Keep containers tightly closed when not in use. **DO NOT SMOKE.** If used in an enclosed space ensure thorough ventilation of the area (using flame proof mechanical blowers if necessary) to avoid any accumulation of vapour until the product has dried. In case of fire use dry powder, carbon dioxide, foam, sand or earth. Never use water as this may spread the fire. **Note:** Electric motors, light/power switches and steel tools may generate sparks sufficient to ignite the product or its vapour, resulting in an explosion and/or fire.
- **Skin Contact:** Contains solvents that causes de-fatting of the skin and, in extreme circumstances, dermatitis. Avoid contact by careful working and use of a barrier cream on hands, arms and other exposed areas or wear gloves. Remove skin contamination immediately with a proprietary hand cleaner and wash with soap and water.
- **Eye Contact:** Avoid contact. Could have an irritating effect in the event of accidental contact, wash eyes immediately with clean water for 15 minutes and obtain medical attention.
- **Inhalation:** Contains solvent. Stand up-wind of the work to avoid inhalation. Switch off all working ventilation inlets prior to using this material; leave covered until there is no odour of the solvent in the vicinity. In the event of discomfort as a result of inhalation move person to fresh air. If discomfort persists seek medical advice.
- **Oral Ingestion:** With proper handling this should not occur. The possibility can be minimised by not consuming food in the working environment and by washing hands thoroughly before eating, drinking or smoking.
- **Spillage:** Spilt material should be mopped up immediately with an inert absorbent material, such as sand, and disposed of in accordance with regulations.