

# Specification of Bitumen Waterproof Paint

Product Name: **Bitumen Waterproof Paint**

## Product Description:

Bitumen Waterproof Paint is a high-quality, solvent-based coating specifically formulated to provide excellent waterproofing and protective properties.

The product is designed for use on various surfaces, including concrete, masonry, metal, and wood, to create a durable and flexible waterproof barrier.

## Composition:

The primary component is bitumen, a petroleum-derived material known for its waterproofing characteristics.

Additional additives may be included to enhance adhesion, flexibility, and UV resistance.

Features:

Exceptional waterproofing capability, providing a reliable barrier against water penetration.

Excellent adhesion to a variety of surfaces, ensuring long-lasting protection.

Flexible formulation to accommodate substrate movements without cracking or peeling.

UV-resistant additives to prevent degradation from sunlight exposure.

Quick-drying formula for efficient application and faster project completion.

Suitable for both horizontal and vertical surfaces.

| PROPERTY                                                  | SPECIFICATION            | TEST METHOD             |
|-----------------------------------------------------------|--------------------------|-------------------------|
| Density                                                   | 0.89 - 0,92 g cm at 20°C | Hanging plump method    |
| Viscosity at 40°C 10mm cup                                | 40 - 60 Secs             | Standart Tar Viscometer |
| Viscosity at 25°C                                         | 2.6 - 3.5 Poise          | Brookfield CAP          |
| Flash Point                                               | 40°C                     | Closed cup              |
| Non-Volatile Contents                                     | 56 - 58 %                | MX-50 Moisture Analyser |
| Drying Time                                               | 2 - 4 hours at 20°C      | Touch dry test          |
| Drying Time Thickness (DFT)                               | 250 microns ( two coats) | Elcometer 500           |
| Solubility in Trichloroethylene by mass (min)             | 99.5 %                   | BS 4690                 |
| Penetration at 20°C of residue from distillation to 360°C | 100 - 350 dmm            | Cone Penetrometer       |

### **Application:**

Bitumen Waterproof Paint is recommended for use in waterproofing applications such as roofs, basements, foundations, and concrete structures.

Application methods include brushing, rolling, or spraying, depending on the surface and project requirements.

Ensure the substrate is clean, dry, and free of any contaminants before applying the paint

### **Coverage:**

Coverage rates may vary depending on the substrate porosity and application method.

Typically, coverage is approximately [X] square feet per gallon.

Drying Time:

Touch dry within 24 hours, with full curing achieved in 1 days, depending on environmental conditions.

Storage:

Store in a cool, dry place away from direct sunlight.

Keep containers tightly closed when not in use.

Shelf life is [Z] months from the date of manufacture.

### **Packaging:**

Available in [X] gallon/can containers or other specified packaging.

Health and Safety:

Follow standard safety precautions during application, including adequate ventilation.

Use appropriate personal protective equipment (PPE) such as gloves and eye protection.

Refer to the Material Safety Data Sheet (MSDS) for detailed health and safety information.

Compatibility:

Bitumen Waterproof Paint is compatible with most common construction materials. However, it is advisable to perform a small compatibility test before full-scale application.

### **Quality Standards:**

Manufactured in compliance with industry standards and regulations.

Quality control measures ensure consistent product performance.

Environmental Impact:

Dispose of unused product and containers in accordance with local environmental regulations.

Bitumen Waterproof Paint is designed to minimize environmental impact during application and use.