

Isamite

Bituminous paint



WHERE TO USE

- Waterproofing concrete foundations.
- Rust-resistant paint for cisterns and metal surfaces.

Some application examples

- Waterproofing walls and foundations over bare ground.
- Painting concrete cisterns and cementitious surfaces in contact with slightly aggressive solutions.
- Rust-resistant coating of metal surfaces, gutters, etc.
- Priming substrates before installing bituminous membranes.
- Waterproofing wooden surfaces exposed to aggressive substances in the ground.

TECHNICAL CHARACTERISTICS

Isamite is a one-component paint with a base of selected bitumens in solvent solution, manufactured from a formula developed in the MAPEI Research Laboratories.

Isamite has low viscosity and is easy to apply with a brush, roller or spray gun on horizontal, sloping or vertical surfaces.

Once it has completely dried after the evaporation of the solvent, **Isamite** forms a film that bonds very firmly to the substrate. It is completely waterproof and chemically resistant to the action of water, diluted acids

and most aggressive agents present in the soil and the atmosphere.

RECOMMENDATIONS

- Do not apply **Isamite** on damp or wet substrates.
- Do not apply **Isamite** in closed environments unless a good ventilation system is provided.
- Do not apply **Isamite** with a spray gun in closed environments.
- Do not use **Isamite** to paint receptacles used for food products (drinking water, milk, beer, etc.).

HOW TO USE

Preparing the product

Isamite is ready to use product and should not be diluted with water or solvents.

Applying the product

Metal surfaces:

Completely remove rust by scrubbing with a wire brush or sandpaper. Using a sanding machine is recommended for large surfaces.

Remove dust with compressed air, then apply the first coat of **Isamite** with a brush, roller or spray gun. Take care to coat the entire surface evenly without applying too heavily so as to avoid forming a thick film.

Wait until the first coat is completely dry (approximately 30 minutes at +20°C), then apply a second coat.

TECHNICAL DATA (typical values)	
PRODUCT IDENTITY	
Consistency:	liquid
Colour:	black
Density (g/cm ³):	1.00
Dry solids content (%):	50 ± 2
Viscosity (ford cup no. 4):	20 seconds
APPLICATION DATA	
Dust-dry on metal surfaces at +20°C:	15 to 20 minutes
Dust-dry on concrete surfaces at +20°C:	15 to 20 minutes
FINAL PERFORMANCE DATA	
Resistance to ageing:	excellent
Resistance to acids and alkalis:	good

Cementitious substrates:

The concrete substrate must be solid, dry, and free of oils, grease, old paint and mould.

Carefully abrade the surface with a wire brush or by machine so as to remove cement laitance and loose or crumbly sections.

Apply the first coat of **Isamite** with a brush, roller or spray gun. Wait until the first coat is completely dry (approximately 30 minutes at +20°C), then apply the final coat.

Wooden surfaces:

The surface must be dry and free of dust and existing paint. Apply the first coat of **Isamite** with a brush, roller or spray gun. Wait until the first coat is completely dry (approximately 30 minutes at +20°C), then apply a second coat.

Cleaning

Isamite can be removed before it dries, from clothing with solvents or ethyl alcohol.

CONSUMPTION

The consumption of **Isamite** varies, depending on the type of substrate, but

is generally as follows:

- on metal or non-absorbent surfaces: 100 to 150 g/m² per coat;
- on concrete or wood: 250 to 300 g/m² per coat.

PACKAGING

Isamite is available in 10-kg drums.

ADR/RID approved packaging.

STORAGE

Isamite in normal conditions, in original sealed and dried packaging, and with temperatures lower than +20°C, is stable for 24 months.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Isamite is highly inflammable. We recommend storing it away from heat and sparks, to avoid smoking, to prevent the build-up of electrostatic energy and to work in well ventilated areas. Furthermore, it is irritant for the eyes and the skin, and it may also cause drowsiness and dizziness.

During the application it is recommended to wear protective gloves and goggles and to take the usual precautions for handling of chemicals. If the product comes in contact with the eyes or the skin wash immediately with plenty of water and seek medical attention. In case of poor ventilation use a mask with filters. We advise against using this product in the presence of pregnant women. For further and complete information about the safe use of our product please refer to the latest version of our Material Safety Data Sheet.

PRODUCT FOR PROFESSIONAL USE.

WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as

merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the Technical Data Sheet, available from our website www.mapei.com

All relevant references for the product are available upon request and from www.mapei.com



Isamite



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325-7-2015 (GB)