

BITUBOND ALUMINIUM SOLAR REFLECTIVE PAINT

Bituminous Aluminium Reflective Coating

Description

A thin, bituminous based aluminium protective coating of brushing consistency that dries to a silvery finish.

Uses

Bond It **ALUMINIUM SOLAR REFLECTIVE PAINT** is a light/heat reflective coating that will provide protection against solar degradation and heat gain. It is suitable for use over bituminous coatings, aged asphalt and primed steel. It is not suitable for direct application to expanded polystyrene.

Preparation

All surfaces must be structurally sound, clean, dry and free from surface contaminants such as grease, rust and dirt. If necessary, remove any organic growth i.e. moss or lichen, with a fungicidal wash. If the surface is still dusty after cleaning, or covered with weathered bitumen, prime with BITUMEN PRIMER and allow to dry.

Application

STIR VERY THOROUGHLY BEFORE USE. Do not thin.



Apply immediately and continue stirring periodically during use. Apply by brush or mohair roller. When brushing, use soft bristle brushes applying the lightest of pressure.

Over recently applied bituminous surfaces allow the following minimum periods to elapse after the final coat has dried before applying **ALUMINIUM SOLAR REFLECTIVE PAINT**:

hot applied coatings	-	24 hours
solvent based coatings	-	3 days
water based coatings	-	14 days

Apply 2 coats, the second coat being applied as soon as the first coat is dry.

Over bituminous surfaces apply the thinnest coat necessary to obliterate the black colour of the bitumen coating for the first coat. The second coat should also be thin. Avoid the formation of pools.

Do not apply when rain, frost or overnight dew are expected before the coating is fully dry, as bronzing of the surface may result if these conditions are not observed.

When applying to large areas on bright days it is advisable to wear polarized sunglasses to reduce glare.

Drying Time

Approximately 1 hour depending on temperature, humidity, air and base conditions.

Safe Handling Precautions

Flammability: Flammable

Keep away from sources of ignition including pilot lights and sparks (see note). 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 (CO₂), 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 cause 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 upwind of the work to avoid inhalation. Switch off all working ventilation inlets prior to using the 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.

Disposal of Containers: Do not leave containers on site where residue could be a hazard to children, animals or the environment. Replace lids securely and remove any containers to a central disposal point.

Cleaning Of Tools

Clean with paraffin (kerosene) or white spirit.

Storage Conditions

Store under cover away from sources of heat and ignition. Keep containers sealed when not in use. Storage temperature should be between 5°C and 40°C.

Storage Life

Shelf life of this product is a minimum of 5 years under good storage conditions in original unopened containers.

Specification Summary

Type of solvent	Petroleum Hydrocarbons
Approximate Flashpoint Test Method BS2000:Part 170:1982 [IP170/75 (81)]	40°C
Approximate Specific Gravity	1.0
Approximate Coverage	100 - 150m ² per 25 litres (dependant on substrate porosity)
Service Temperature Limits	-30°C to +90°C depending on operating conditions
Application Temperature Limits	Normally 5°C to 55°C
Chemical Resistance	Resistant to: water and most salt solutions Not Resistant to: acids, alkalis and solvents
Fire Resistance	WET: Flammable DRY: Will burn slowly

Container Sizes

Size:	2.5 Litre	5 Litre	25 Litre
Code:	BDB0305	BDB021	BDB022
Barcode:	5060021367914	5060021362117	5060021362384

The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the products for a particular purpose.

BOND IT

Unit G16 River Bank Way, Lowfields Business Park, Elland, West Yorkshire HX5 9DN.
Telephone: +44 (0)1422 315300 Fax +44 (0)1422 315310
Email: sales@bond-it.co.uk Website: www.bond-it.co.uk



V2 22/03/12