

ALUMINIUM SOLAR REFLECTIVE PAINT

Bituminous Aluminium Reflective Coating



BITUBOND BITUMEN SOLUTIONS & COMPOUNDS RANGE

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. lichen, with a fungicidal wash such as Bond It **MOULD STOP**. 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. The product will appear bronze coloured in the tin, but will turn silver as it dries.

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	-	10 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.

Cleaning Of Tools

Clean with paraffin (kerosene) or Bond It **WHITE SPIRIT**.

Colour

Silver in colour.

Container Size

Available in 5 and 25L metal tins.

Storage Life

Minimum of 5 years from date of manufacture under good storage conditions in original unopened containers.

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 30°C.

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.

Health & Safety

Please refer to separate material safety data sheet for full handling, use and storage instructions. Keep out of reach of children. It is the users responsibility to determine suitability for use. If in doubt contact our Technical Department for advice.

Note: this information is for general guidance only, since site conditions and labour are beyond our control. It is recommended that users make their own tests to determine suitability.

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	4 - 6m ² per litre (dependant on substrate porosity)
Service Temperature Limits	-30°C to +90°C depending on operating conditions
Application Temperature Limits	Normally 5°C to 30°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
UN Number	1263
UFI	2G50-Q0UW-F00M-DX3P

Product Details:

Size:	2.5 Litres	5 Litres	25 Litres
Colour:	Silver	Silver	Silver
Code:	BDB030	BDB021	BDB022
Barcode:	5060021367914	5060021362117	5060021362384



Part of the Bond It Bitubond Range

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 expressed or implied, of the fitness or suitability of the products for a particular purpose.



Certificate Number:
6152
ISO 9001; ISO 14001;
ISO 45001

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