

PRODUCT DATA SHEET

Cromar® Allweather Roof Coat

A solvent based, cold applied bituminous compound.

PRODUCT DESCRIPTION

A compound containing a small amount of organic fibre to add strength and stability. An effective, general purpose roof coating that is resistant to water almost immediately after application, therefore ideally suited for winter use.

The Cromar® Allweather Roof Coat may be used to re-seal, waterproof and repair many different types of roof coverings.

USES

Suitable for use on various roof types;

Asphalt roofs.

Built-up felt roofs.

Asbestos-cement sheeting.

Metal sheeting including iron, steel, zinc and lead.

Slates and tiles.

CHARACTERISTICS / ADVANTAGES

- Contains organic fibres to provide added strength and stability.
- Resistant to water almost immediately after application, making it ideal for winter and wet weather use.
- Effective, general purpose roof coating suitable for resealing, waterproofing and repairing a wide range of roof types.
- Compatible with many substrates, including asphalt roofs, built up felt, asbestos cement sheets, metal sheeting, slates and tiles.
- Can be used with reinforcement scrims such as rot-proof hessian or bituminised glass fibre scrim for enhanced durability.
- May be used as a vapour barrier in roof build ups.

PRODUCT INFORMATION

Packaging	Labelled metal pails and plastic drums available in both 5 Litres and 25 Litres.
Shelf Life	18 months.
Storage Conditions	All Weather Roof Coat should be stored indoors away from all sources of ignition, naked flames, hot lights and between +5 °C and +25 °C.
Consumption	All Weather Roof Coat should normally be applied in two coats at 1 - 1.5 m ² per litre depending upon the porosity of the surface.

VALUE BASE

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety

APPLICATION INSTRUCTIONS

No roof coating product can be expected to repair an existing roof which is not structurally sound and stable. Before using a surface coating the roof structure should be inspected and, if necessary put in order. All cracked, broken, slipped or missing slates, tiles, sheets or other forms of covering should be replaced or re-fixed, and cracks in felt or asphalt filled. Care needs to be taken over preparation of surfaces before application and this will influence the degree of adhesion and life of the renovation. All surfaces must be free from oil, dirt, dust and loose debris. All traces of algae and fungus growth should be removed using a stiff brush and the surface treated with a fungicide to kill any remaining spores thereby discouraging the return of any growths.

Asphalt Roofs:

On asphalt roofs where blisters have occurred, these should be heated with a blow lamp until soft and then smoothed out. If the asphalt is crumbling or badly cracked, it must be removed and replaced with a polyester based underlay.

All Weather Roof Coat should be applied by brush in two coats, the first being allowed to dry before the second is applied.

Built-up Felt Roofs:

Remove any loose chippings and carry out the preparatory work detailed above. Minor marks and defects will be effectively filled and covered by All Weather Roof Coat but where these are wider than 0.75 mm they should first be filled with Trowel Mastic and allowed to dry.

Blisters in roofing felt should be opened out, cleaned with a stiff bristled brush and coated with All Weather Roof Coat at 1.5 m² per litre.

The All Weather Roof Coat should be allowed to set until it becomes tacky and then the felt should be re-fixed by bonding it down.

In each of the above cases the All Weather Roof Coat and a glass membrane should then be applied.

Asbestos-Cement Sheetting:

Carry out preparatory work. It is particularly important that the asbestos cement is not saturated with water before protective coating commences. Wait until the asbestos cement sheetting is dry and then apply one coat of Cromar Bitumen Primer. Allow the primer to dry and apply two coats of All Weather Roof Coat. Ensure that complete contact is achieved and no air is trapped beneath the All Weather Roof Coat.

Metal Surfaces:

Where these show signs of corrosion, such as loose rust, this should be removed by using a wire bristle brush. A rust inhibitive treatment should be applied to ensure that the rust will not return. For normal circumstances, scrubbing with a wire brush is sufficient preparation. All Weather Roof Coat should then be applied in two coats at the rate of 1.5 m² per litre per coat.

Slates and Tiles:

Carry out preparatory work. The roof should be examined for damaged or loose slates or tiles. Any loose tiles or slates should be re-fixed firmly in place. All Weather Roof Coat and a glass membrane should then be applied.

Scrim Treatment:

In order to bridge gaps, cracks and fissures and in all cases where roof surfaces are in an advanced state of decay, it is recommended that All Weather Roof Coat be used in conjunction with a reinforcing membrane, either rot-proof hessian or, preferably, glassfibre membrane.

Having ensured that the surface is clean and receptive to the coating product, apply a first coat at 1 m² per litre.

Immediately apply the glassfibre membrane into the wet All Weather Roof Coat film using a brush charged with All Weather. Ensure that complete contact is achieved and that no air is trapped beneath the All Weather Roof Coat.

The glassfibre membrane should be lapped by 50 to 75 mm and the inside of each lap should be painted with the All Weather Roof Coat. Small gaps and differences in levels should be bridged ensuring that the glassfibre membrane is not pulled too tightly across the gap so that any movements in the structure will be accommodated.

At walls and parapets, continue the glassfibre membrane and All Weather Roof Coat sandwich vertically for at

least 150 mm and secure using self adhesive flashing (150 mm width) allowing 75 mm to be in contact with the

brickwork above. Apply a second coat of All Weather Roof Coat and allow this to dry.

Final Surface:

It is beneficial to the coating, and to the rest of the roof structure, to give a final solar reflective finish. An exposed black bituminous surface should be avoided on a pitched or flat roof. When using All Weather a third and final coat should be preferably applied at 1.5 m² per litre. While the film is still tacky, bond with 1 to 2 mm (7 to 14 mesh) stone chippings or clean sharp sand. Alternatively the final All Weather coating should be allowed to weather for a minimum of two weeks (preferably one month) then a solar reflective coating can be provided using Cromar[®] Aluminium Paint.

Vapour Barrier:

When insulating material is placed on a flat roof deck it is essential to prevent condensation water vapour from entering the insulation. If this is allowed to happen it can damage the insulation. Two coats of All Weather, the first applied at 1 m² per litre, the second at 1.5 m² per litre, will help prevent this. The All Weather should be applied to the 'warm' side, with care being taken to avoid pin holes and imperfections in the coating. After the All Weather has dried the insulation may be applied over it.

CLEANING OF TOOLS

Tools may be cleaned with white spirit. Minor spillages should be wiped off surfaces before the All Weather Roof Coat has set. Major spillages should be mopped up immediately with an inert, absorbent material, such as sand and disposed of in accordance with regulations.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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