

ALL WEATHER ROOFING COMPOUND

Thompson's All Weather Roofing Compound is a solvent based, cold applied bituminous compound containing a small amount of organic fibre to add strength and stability.



THOMPSON'S ALL WEATHER ROOFING COMPOUND:

- Ideal when re-sealing and waterproofing all roof coverings
- Water resistant immediately after application
- Fast drying

TECHNICAL DATA

Form	Black brushable liquid
Storage Life	12 Months unopened stored between 5°C and 25°C in original containers
Flashpoint	38°C
Application Thickness	200-400 micron in 2-3 coats
Application Temperature	+5°C to 30°C
Service Temperature	-10°C to + 75°C

Specification writers: These values are not intended for use in preparing specifications. Please contact your local Thompson's Sales Representative prior to writing specifications on this product.

SURFACE PREPARATION

No roof compounding product can be expected to repair an existing roof which is not structurally sound and stable. Before using Thompson's All Weather Roofing Compound 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 the felt or asphalt filled with Thompson's Bitumen Mastic.

Care needs to be taken over preparation of surfaces before application and 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 surfaces treated with Thompson's Mould & Mildew Cleaner. Thompson's General Purpose Bitumen Primer should be used to seal porous surfaces and joints.

APPLICATION

Thompson's All Weather Roofing Compound can be applied by brush or spray.

Ensure good ventilation during application and drying of the coating. Drying time will depend upon weather conditions and thickness of the coating.

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. Thompson's All Weather Roofing Compound 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 Thompson's All Weather Roofing Compound but where these are wider than 0.75mm they should first be filled with Thompson's Bitumen Mastic and allowed to dry.

Blisters in roofing felt should be opened out, cleaned with a stiff bristled brush and coated with Thompson's All Weather Roofing Compound at 1.5m² per litre. Thompson's All Weather Roofing Compound should be allowed to set until it tacky and then the felt should be re-fixed by bonding it down, with Thompson's Felt Adhesive.

In each of the above cases Thompson's All Weather Roofing Compound and a glass membrane should then be applied.

Reinforced Concrete: Carry out preparatory work. If the deck is new it should be first allowed to cure and then primed using Thompson's Bitumen Primer at 6-8m² per litre (rate depending upon porosity).

Lightweight Concrete: Carry out preparatory work. Allow the concrete roof deck and topping screed to cure. A glass fibre felt underlay should be partially bonded to the surface using Thompson's Felt Adhesive. The felt should be lapped, sealed and adequate ventilation provided for the materials beneath it. Thompson's All Weather Roofing Compound 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 Thompson's Bitumen Primer. Allow the primer to dry and apply two coats of Thompson's All Weather Roofing Compound. Ensure that complete contact is achieved and no air is trapped beneath the Thompson's All Weather Roofing Compound.

Metal Surfaces: Where these show sign of corrosion such as loose rust this should be removed by using a wire bristled 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. Thompson's All Weather Roofing Compound should then be applied in two coats at the rate of 1.5m² 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. Thompson's All Weather Roofing Compound 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 advanced states of decay, it is recommended that Thompson's All Weather Roofing Compound be used in conjunction with a reinforcing membrane, either rotproof hessian or, preferably glass membrane. Having ensured that the surface is clean and receptive to the coating product, apply a first coat at 1m² per litre. Immediately apply the glass membrane into the wet Thompson's All Weather Roofing Compound film using a brush charged with Thompson's All Weather Roofing Compound. Ensure that complete contact is achieved and that no air is trapped beneath the Thompson's All Weather Roofing Compound.

The glass membrane should be lapped by 50 to 75 mm and the inside of each lap should be painted with the Thompson's All Weather Roofing Compound. Small gaps and differences in levels should be bridged ensuring that the glass 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 glass membrane and Thompson's All Weather Roofing Compound sandwich vertically for at least 150mm and secure using Thompson's Self Adhesive Flashing Tape (150mm width) allowing 75mm to be in contact with the brickwork above. Apply a second coat of Thompson's All Weather Roofing Compound 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 with. An exposed black bituminous surface should be avoided on a pitched or flat roof. When using Thompson's All Weather Roofing Compound a third and final coat should be preferably applied at 1.5m² per litre and, while the film is still tacky well blinded with 1 to 2mm (7 to 14 mesh) stone chippings or clean sharp sand. Alternatively onto the final Thompson's All Weather Roofing Compound which should be allowed to weather for a minimum of two weeks, preferably one month, a solar reflective coating can be provided using Thompson's Aluminium Solar 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 Thompson's All Weather Roofing Compound, the first applied at 1m² per litre, the second at 1.5m² per litre, will help prevent this. The Thompson's All Weather Roofing Compound should be applied to the 'warm' side, care being taken to avoid pin holes and imperfections in the coating. After the Thompson's All Weather Roofing Compound has dried the insulation may be applied over it.

COVERAGE

Thompson's All Weather Roofing Compound should normally be applied in two coats at 1-1.5m² per litre depending upon porosity of the surface.

CLEANING

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

PACKAGING

Sizes: 2.5L, 5L

HEALTH AND SAFETY

Health and Safety data sheets available on request.

TECHNICAL SERVICE

For further technical information, advice on suitability for specific applications, or detailed Health and Safety information, contact Thompson's Technical Service.

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