



CALDER INDUSTRIAL MATERIALS LTD

**CALDERFLEX
HIGH BUILD
WATERPROOF ROOF COATING**



A high quality solvent acrylic based coating that gives a roof long-term waterproofing protection with added fibres that interlace to cover up small gaps or cracks.

USES:

Supplied ready for use on flat roofs, pitched roofs, weathered asphalt and bituminous surfaces, gutters, concrete, brickwork, fibreglass, felt, slate, metal (galvanised and ferrous) and aged uPVC.

Simple application by either brush or squeegee.

Suitable for patch repair/all over roof coating

Not suitable for use on walkways or balconies, new asphalt or new bitumen surfaces, timber substrates, new uPVC, GRP, copper, brass or lead.

COLOUR RANGE:

Standard Colour – Grey

Also available upon request – Black and Solar Reflective White.

PACK SIZE:

Standard Size - 5 kg

Also available upon request – 2.5kg and 20 kg containers

SPREADING RATE:

Between 1 kg – 2 kg per m² - dependent on substrate.



CALDER INDUSTRIAL MATERIALS LTD

DRYING TIME:

Up to 6-7 days depending on temperature and thickness of coating.

The product may remain slightly soft for a further period depending on climatic conditions. However, this is not detrimental to the waterproofing qualities of the product.

WATER REPELLENCY:

Rainfall immediately after application has no adverse effect.

PREPARATION AND APPLICATION:

Clear all areas of moss, lichen and debris by brushing or power washing and remove surface water and any contamination such as oil or grease and allow to dry.

Apply fungicidal wash to prevent further fungal/algal growth.

Most roofing substrates to be treated will not normally require priming.

To the dry and cleaned surface, apply a generous coat of Calderflex Waterproof Roof Coating by brush or squeegee, at the minimum specified spreading rate as stated above.

Application Temperature should be between 5°C-25°C.

SUBSTRATE TYPES:

Highly Porous/Friable Surfaces

Concrete and asbestos cladding, sheeting and guttering should be primed with Calderflex Primer, (see separate technical sheet), prior to over coating with Calderflex Waterproof Roof Coating.

These surfaces must be jet washed prior to applying the Calderflex Primer.

Metal Surfaces

Ferrous - new, weathered and previously painted galvanised iron and steel.

Non-Ferrous Metals – aluminium sheeting, aluminium alloy box gutters and previously painted non-ferrous metals.

All these areas should be suitably prepared and primed as appropriate, (see separate technical sheet), before application of Calderflex Waterproof Roof Coating.

DO NOT COAT COPPER, BRASS OR LEAD AS NO EFFECTIVE KEY IS PROVIDED.

Non-Porous Substrates

Slate and polished bricks should be power washed, abraded and completely dry and free from any contamination to achieve adhesion of the Calderflex Waterproof Roof Coating.



CALDER INDUSTRIAL MATERIALS LTD

Bitumen Surfaces

Discolouration may occur over a new asphalt, tar or bitumen surface; therefore an extra coat may be required, for decorative purposes only. Aged bitumen can be liable to crack, therefore further advice must be taken.

Previously Painted or Coated Substrates

IT IS GOOD PRACTICE TO INSPECT AND CARRY OUT ADHESION TESTS ON ANY EXISTING COATING OR SUBSTRATE PRIOR TO APPLICATION OF THE COATING.

Splits, Cracks, Joints and Seals

Pay particular attention to clean out any splits/cracks/joints and seals, by scraping or brushing off with a stiff bristle brush. Repair all faults in the surface by either applying a reinforcing scrim in the first of two coats, or, using a proprietary sealer.

Crazed Areas

These should be primed with Calderflex Primer prior to the application of a coat of Calderflex Waterproof Roof Coating.

In areas where excessive movement may occur, additional reinforcement can be incorporated into the coating.

IMPORTANT:

Calderflex Waterproof Roof Coating is not recommended for the treatment of wooden surfaces, tanking, fishponds or internal use.

Air conditioning vents should be sealed for a minimum of 24 hours during and after the application. This coating is only valid for applications in the UK.

CLEANING:

For cleaning equipment use special solvent.

PRECAUTIONS:

Flammable - keep away from sources of ignition.

Ensure good ventilation during application.

Wear gloves, goggles and suitable protective clothing.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Remove splashes from the skin with a recognised hand cleaner or plenty of soap and water.

Keep out of reach of children.

Do not use near fishponds. Toxic to aquatic organisms - may cause long term adverse effects in the aquatic environment.

Do not empty into drains.



CALDER INDUSTRIAL MATERIALS LTD

SAFETY:

Good working practice should be followed and safety/walking boards should be utilised where required.

The specification and coverage rates are given in good faith and are based on our experience and knowledge but without liability.

As Calder Industrial Materials Limited has no direct control over the methods employed by the user in applying its products, any warranty either written or implied is given in good faith and can only cover the material itself.

There is a Code of Practice from ELWA - "Specification and use of Liquid Waterproofing Systems" on www.elwassociation.org.uk which can be consulted for general advice.

If in doubt regarding any of the above points, please contact our technical services department for advice.

A Material Safety Data Sheet is available on request.

Calder Industrial Materials Limited
1 Derwent Court, Earlsway, Team Valley Trading Estate, Gateshead, NE11 0TF
Tel: 0800 484181 Fax: 0800 525103 E-mail: roofingproducts@caldergroup.co.uk
www.calderlead.co.uk