



TECHNICAL DATA SHEET

HALOSEAL ECO

DESCRIPTION

HALOSEAL ECO is a latest technology Fluorocarbon water-based, water-proofing coating for bare uncoated surfaces. The material prevents water from penetrating into the substrate and provides protection against algae, lichen and moss. In addition, by penetrating the ingress of moisture it improves the thermal performance of the substrate. The product also provides a breathable coating which allows water vapour to pass through. Water based. Low odour. Suitable for uncoated masonry, brickwork and roof tiles.

Before you start:

- Read and follow SDS, TDS and label instructions
- Stir all paints thoroughly before use
- Always use the same batch number on the same job
- Check colour and sheen. MGC will not accept any discrepancies arising after use
- Where necessary filter the product immediately before use
- Reduce emissions and maintain quality by replacing tin lid after use

If in any doubt speak to MGC'S Technical Service Department on 01372 743334.

PREPARATION

It is very important that the surfaces to be treated are dry and are free from organic growth, dirt, grease and any previous coatings. Algae, lichen and moss contamination must be pretreated with MGC LICHENITE applied in accordance with the instructions and then allowed to dry thoroughly.

Special precautions should be taken during surface preparation of pre-1960's paint surfaces over wood and metal as they may contain harmful lead.

Prepare surfaces in accordance with good trade practice.

Remove any efflorescence/soluble salts, that have erupted, on to the surface. Do not wash off efflorescence/soluble salts, instead remove by dry brushing with stiff bristle brush or piece of coarse sacking.

Allow to dry thoroughly before applying HALOSEAL ECO.

APPLICATION

Apply using a brush, roller or low-pressure spray method. Start at the bottom and work up.

Apply one flood coat application up to a saturation point.

Application of HALOSEAL ECO should not be carried out when the substrate temperature is below 5°C and falling or above 35°C.

NOTES: On very highly porous substrates a 2-coat wet on wet application may be required to obtain maximum performance. Do not over-coat with traditional coatings.

CLEANING

Remove as much product as possible from application equipment before cleaning.

Replace lid firmly. Clean equipment immediately after use with warm soapy water and rinse thoroughly.

Some local authorities have special facilities for the disposal of waste coatings.

Do not empty product into drains or watercourses.

PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

Wear gloves, goggles and suitable protective clothing.

In case of contact with eyes wash immediately with plenty of water.

Seek medical advice/attention.

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

Protect from freezing. Do not apply paint if there is a risk of heavy rain or frost.

Do not use near fishponds.

Every care is taken to ensure that all information provided on this Technical Data Sheet is accurate.

Mould Growth Consultants Ltd are unable to guarantee results as it has no control over the conditions under which its products are applied.

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

Before using this product please ensure you have the latest information.

FINISH AND PACK SIZE

Finish: Clear Matt

Supplied in 5 litres containers

SPREADING RATE

GUIDE COVERAGE RATES Approximately

Granite	15m ² /litre
Slate	15m ² /litre
Dense sandstone	8m ² /litre
Precast concrete	8m ² /litre
Sandstone	5m ² /litre

Facing brickwork	5m ² /litre
Cement render	5m ² /litre
Concrete block paving	5m ² /litre
Concrete blockwork	3m ² /litre
Reconstructed stone	3m ² /litre
Wood	4m ² /litre
Terracotta	8m ² /litre
Clay Tiles	8m ² /litre

The approximate coverage rates are given in good faith and are based on our experience and knowledge but without liability and can vary due to porosity and absorption of the substrate.

DRYING TIME

Touch dry 1 hour. Recoat 4 hours, depending on temperature, humidity and airflow.

The surface temperature during application should be between 10°C - 25°C.

Ensure good ventilation during application and drying.

VOC

EU Limit value for this product (cat A/i) 140g/l (2010)

HALOSEAL ECO contains max 25g/l VOC

SHELF LIFE

Under normal and frost-free conditions this product will remain usable for up to 12 months from delivery if stored correctly and unopened.

Store within the temperature range 5°C- 25°C.

PROTECT FROM FROST

HEALTH AND SAFETY

It is essential that when using any type of chemicals, whether they are disinfectants, washing detergents or mould treatments, that all vulnerable people, children, pets and animals are kept away from the materials and the areas being treated until they are dry. In addition, any spillages of chemicals must be cleaned up immediately before proceeding further with the work.

Store chemical products in a safe place away from children and pets.

Please refer to the Safety, Health and Environmental Information on the container.

Take special precautions during the surface preparation of pre-1960's painted surfaces as they may contain harmful lead.

When preparing the surfaces avoid the inhalation of dust and/or metal particles. Wear a suitable facemask.

Material Safety Data Sheets for this and all other products are freely available from the place of purchase or the address below.

Store in secure dry conditions inaccessible to children, pets or animals.

Containers should be kept closed during storage.

Do not empty into drains, watercourses or access routes to septic tanks.

For further information contact the Sales office on 01372 743334.

GENERAL INFORMATION

Apply all products in accordance with BS 6150: Code of practice for painting of buildings and BS 8000: Part 12:1989 workmanship on building sites and any additional requirements as detailed in a specification.

All products should be applied in accordance with the Manufacturer's Instructions/Product Data Sheets and Health & Safety requirements.

Inform the Contract Administrator of any discrepancy in specification of coatings and obtain instructions before proceeding with application.

Application of coatings will be taken as joint acceptance by the main contractor and sub-contractor of the suitability of surface and conditions within any given area to receive the specified coatings.

Due to continual changes in the condition of surfaces and substrates, a specification is only current for six months after which time a further inspection may be necessary.

Every care is taken to ensure the information provided is accurate at the time of application. MGC is, however, unable to guarantee results since it has no control over the level of preparation or conditions under which its products are applied.

The information and coverages are given in good faith and are based on our experience and knowledge but without liability.

Please contact MGC Technical Department on 01372 743334 should you have any enquiries regarding this specification.

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