



TECHNICAL DATA SHEET

HALOSEAL

DESCRIPTION

HALOSEAL is a non-silicone colourless waterproofer which can be used on most building substrates including brick, stone, concrete, render and roof tiles.

HALOSEAL is based on metabolic stearate which waterproofs masonry surfaces by deeply penetrating the surfaces and coating each particle of aggregate in such a way to reverse its natural hygroscopic tendency and becomes an integral part of the substrate. It does not alter the accepted requirement for the surface to breathe, thus enabling residual moisture to escape. By closing out water penetration, masonry surfaces stay cleaner longer. In addition, the product does not change the colour or appearance of walls, or roofs, neither will it give a “shiny” tint to the brick or stonework.

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 & 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

Moss, Lichen and algae growths must be treated using LICHENITE in accordance with MGC specification. All surfaces to be painted must be clean, dry, free from organic growth, loose and flaking material. Prepare surfaces in accordance with good trade practice. Scrape off all loose, blistered or flaking paint and rub down to a sound clean and dry surface.

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. Loose and friable materials should be removed by stiff bristle (not wire) brushing. DETERGENTS must not be used in washing down or other surface preparation.

Protect all glazing and mask as required. Masking tape must be removed before HALOSEAL become dry. Shake container before use – DO NOT DILUTE or mix with other products.

APPLICATION

Apply one coat of HALOSEAL liberally by brush or low-pressure spray, (not airless spray), until suction/absorbency of substrate is satisfied. If applying a second coat, allow a minimum of one hour and a maximum of four hours between coats. It is essential that the second coat is applied before the first coat is fully dried.

Do not apply in wet or frosty weather or when there is a risk of same during drying time.

Do not apply for 2-3 days after rain

It is recommended that on very porous surfaces a second coat of HALOSEAL be applied to ensure long term protection. Balcony and garden walls must be treated both sides and soldier courses/coping stones should receive two coats.

HALOSEAL should not be used on painted surfaces or high density/low suction substrates such as glazed bricks, faience tiles and engineering bricks.

CLEANING

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

Replace lid firmly.

Clean brushes and spray equipment immediately after use and remove any splashes or over-spray with white spirit.

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.

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 product 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.

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

FINISH AND PACK SIZE

Finish: A clear colourless solvented liquid which, when dry

Colour: Does not change the appearance or colour of the substrate.

Supplied in 5 litre containers.

SPREADING RATE

Approx 2 – 4 square metres per litre, depending on porosity and texture of the substrate.

The advised coverage should not be exceeded.

DRYING TIME

Drying time is dependent upon temperature, humidity and absorbency of substrate, normally 6-12 hours.

VOC.

EU Limit for this product (cat. A/h SB): 750g/l (2010)

Haloseal contains max. 690g/l VOC

SHELF LIFE

Flammable, keep in a cool place and away from naked flame. Flash point of 36°C.

Under normal conditions this product will remain usable for up to 2 years from delivery if stored correctly and unopened.

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

NOT NORMALLY AFFECTED BY 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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