

MC Primer CSG

**Acrylic resin primer and sealer
for very low temperatures**



“maintenance made easy”



PRODUCT DESCRIPTION

MC Primer CSG is a two part acrylic resin primer and concrete sealer with very rapid curing characteristics at low temperatures, providing a seamless, smooth, totally impervious coating with excellent chemical resistance.

Its low viscosity formulation ensures maximum penetration into porous surfaces, actually strengthening the substrate.

TYPICAL USES

MC Primer CSG has excellent resistance against acids, alkalis, oils and a wide range of chemicals used in the process, automotive and food industries. Achieving a totally smooth, seamless finish, with high chemical resistance, MC Primer CSG is ideal for warehousing and storage facilities, cold stores, chemical and petroleum industries, food processing and manufacturing industries.

SUITABLE SUBSTRATES

MC Primer CSG has been developed for use on concrete, wood or cement surfaces for use where temperatures are below zero.

COLOUR

MC Primer CSG is colourless and translucent.

PACKAGING

MC Primer CSG is supplied in pre-measured quantities as a two part system, comprising of a 5 litre unit of acrylic resin Part 'A' and a powder hardener Part 'B'.

DIRECTIONS FOR USE

SURFACE PREPARATION

THOROUGH SUBSTRATE PREPARATION IS ESSENTIAL.

Powerfloated concrete – use a Vacuum Assisted Shotblaster to remove weak laitence and provide a surface key for the coating. If this is not possible, chemically etch with *Polycote Etch IT* then rinse thoroughly and allow to dry.

Loose paint – remove, using a Vacuum Assisted Shotblaster, Floor Grinder or equivalent method.

Loose or friable concrete – use a Vacuum Assisted Shotblaster. If this is not possible, chemically clean with *Polycote Etch IT* then rinse thoroughly and allow to dry.

Oil or grease – use Hot Compressed Air for large areas of contamination. Smaller, isolated deposits may be chemically cleaned with *Polycote Degrease IT*, then rinsed thoroughly and allowed to dry.

See relevant Data Sheet prior to application.

DIRECTIONS FOR USE Cont.

ONCE PREPARED, THE AREA MUST BE KEPT CLEAN AND FREE OF TRAFFIC.

Caution – MC Primer CSG is methyl methacrylate based and has a characteristic odour during the vaporising of the solvent. Although non-toxic and non-injurious to health, this can cause tainting and OPEN food products should therefore be removed or sealed during and following application until the vapour has dispersed.

Substrate must be clean, sound and dry, with a maximum moisture content of 5% (75% Relative Humidity).

MIXING

BEFORE MIXING THIS PRODUCT YOU MUST BE TOTALLY PREPARED for rapid uninterrupted application of the complete mixed quantity WITHIN 10 MINUTES.

Thoroughly shake the bottle of resin to ensure dispersion of the contents, making sure the cap is securely fitted. Then pour all the contents into a clean plastic bucket and add the powder hardener and stir thoroughly using a variable speed electric drill and mixing paddle for at least 3 minutes.

ENSURE THOROUGH MIXING AS AN UNMIXED PRODUCT WILL RESULT IN A POOR OR NON-CURE SITUATION.

Tip: For Cold Store Grade – the workable life of the material will be maximised if it has been stored at a very low temperature (e.g. in the cold store itself) prior to mixing.

APPLICATION

Apply by brush, roller or squeegee, making sure that the surface is completely covered. Particular attention

should be given to doorways and other areas of high traffic. When finished, do NOT scrape the remaining contents from the container as this will invariably include unmixed raw resin.

POT LIFE & CURING TIME

The pot life is approximately 10 minutes. Initial curing takes place within 1 hour (30 minutes at normal temperatures).

APPLICATION TEMPERATURE

MC Primer CSG is designed to be applied at temperatures between -30°C and 0°C.

COVERAGE

The coverage of MC Primer CSG is between 15-20m² per 5 litre unit, depending on the texture and porosity of the substrate.

CLEANING

Tools and equipment should be cleaned whilst product is still wet with Solvent Cleaner. Hands and skin should be cleaned immediately with Organic Hand Cleaner.

SHELF LIFE & STORAGE

The shelf life of MC Primer CSG in unopened containers is approximately 6 months subject to conditions of storage. Store in a cool dry environment away from sources of ignition.

HEALTH & SAFETY

Before using this product, please ensure you have received and read carefully both the Hazard Label applied to the container and the relevant Material Safety Data Sheets.

ANY QUESTIONS?

Please do not hesitate to contact us for advice regarding the use of this product or its suitability for your particular application.

Our aim is to provide all the technical help you need to make an informed choice and achieve total success.

Polycote Technical Helpline

01234 846400

All reasonable care has been taken in supplying the above information. However, any figures quoted do not constitute a specification but represent typical values obtained. It is the customer's responsibility to ensure for himself that the product is fit for the intended purpose and that conditions are suitable. Any technical advice is offered in good faith, but without warranty. This is also applicable when proprietary rights and third parties are involved. In the light of the Company's policy of continual research and development, it is the customer's responsibility to ensure that the information contained herein has not been superseded.

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