

Flortex® MC CSG

Product Description

Very fast curing low temperature floor coating

Flortex® MC is an extremely hard-wearing methacrylate based high build resin floor coating. It can be applied at very low temperatures and cures with outstanding rapidity, enabling application with minimal downtime. Two grades are available: *Flortex® MC Standard* for fast curing at normal temperatures; and *Flortex® MC CSG* for temperatures down to -40°C . Please specify when ordering.

Typical Uses

Flortex® MC is suitable for almost any floor coating situation, particularly where rapid installation and long-term durability are paramount. *Flortex® MC CSG* is primarily used in cold stores and industrial refrigerators and freezer floors.

Suitable Substrates

Flortex® MC CSG is designed for application to concrete surfaces.

Colour

Flortex® MC CSG is available in a range of 7 colours.

Packaging

Flortex® MC CSG is supplied in pre-measured quantities as a three-part system, comprising of a 5 litre unit of acrylic resin Part 'A', a powder hardener Part 'B', plus a separate pigment pack Part 'C'.

Direction For Use

Surface Preparation

The substrate should be prepared and primed with *MC Primer CSG*. See relevant Data Sheet for full recommendations on preparation and priming.

Mixing

BEFORE MIXING THIS PRODUCT YOU MUST BE TOTALLY PREPARED for rapid uninterrupted application of the complete mixed quantity **WITHIN 15 MINUTES**.

Thoroughly shake the bottle of resin to ensure total dispersion of the contents (ensure the wax is fully mixed especially when temperature is low), then pour into a clean, plastic bucket. Add the powder pigment and stir thoroughly using a heavy-duty slow speed drill with mixing paddle for 2-4 minutes. When the pigment is fully dispersed add the powdered Hardener and disperse.

Note: Only add the powder hardener to the MC resin (part A) **AFTER** it has been fully mixed with the pigment, otherwise this could cause a violent chemical reaction.

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

Application

Once the product is thoroughly mixed, APPLY IMMEDIATELY using a brush or roller, making sure the area 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. Remember, this product is extremely fast curing so please ensure that everything is ready before mixing.

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.

Non-slip Applications

For slip resistance, Calcined Bauxite aggregate may be sprinkled into the wet PRIMER. Please refer to *MC Primer CSG* Data Sheet.

Pot Life & Curing Time

The pot life is **maximum** 15 minutes. Initial curing takes place within 1-1½ hours. Very low temperatures will extend the curing time.

Application
Temperature

Flortex® MC is available in two temperature grades:
Standard Grade for 0°C to +30°C application temperature, and Cold Store Grade for 0°C to –40°C.

Coverage

The coverage of Flortex® MC 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 using Polycote Solvent Cleaner. Hands and skin should be cleaned immediately with organic hand cleaner.

Shelf Life & Storage

Shelf life in unopened containers is approximately 12 months subject to conditions of storage. Store in a cool, dry, frost-free 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 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.