

# METHOD STATEMENT FOR COO-VAR® C.S.P. MORTAR

## DESCRIPTION

Coo-Var C.S.P. Mortar is methyl methacrylate resin filled with selected graded silica aggregates, leaving a smooth glossy surface that has aggregate visible through clear resin. Coo-Var C.S.P. Mortar has very good durability, flexibility and abrasion resistance in all temperatures from 0° C down to -35°C. Coo-Var C.S.P. Mortar can also be supplied in ambient grade.

## TYPICAL INSTALLATIONS

Coo-Var C.S.P. Mortar is used for a large variety of repair situations in working cold stores down to -35°C.

## SUBSTRATES

Coo-Var C.S.P. Mortar will adhere to all concrete or masonry materials.

## SURFACE PREPARATION

The area to be prepared must be as clean and dry as possible. Ice must be removed and if melted with a flamegun the surrounding floor area must also be dried.

## PRIMING

Take the Coo-Var Primer Base and packet of Primer Hardener into the cold store 30 minutes before you commence – this allows the primer to become cold. If this is not done the primer will harden too quickly when the resin and hardener are mixed. After the primer unit is cold, add the primer hardener (powder) to resin mixing quickly and thoroughly. Apply to the area to be repaired rubbing well into the surface using a paint brush. Allow the primer to dry before proceeding further (usually about 1 hour at -30°C).

## MIXING

This operation may be done either in the cold store or immediately outside. Empty Coo-Var Resin Base and packet of hardener into an empty mixing container mixing quickly and thoroughly. Add blended aggregate and again mix quickly and thoroughly. This operation can be carried out with equal success with either a Jiffy style paddle fitted to a low speed drill or by using a suitable trowel. **No attempt should be made to split pack further.**

## APPLICATION

0°C to - 35°C – Immediately after the mortar is mixed empty over primed area and level with a trowel. Lubricate trowel if required by wiping on a small amount of clean paraffin. If an anti-slip finish is required sprinkle surface of area with Coo-Var Anti-slip Aggregate immediately after levelling with trowel until the surface is obliterated.

## COVERAGE

5.5 kilo unit – 0.5m<sup>2</sup> @ 4mm

12.5 & 25 kilo units – 1.25m<sup>2</sup> & 2.5m<sup>2</sup> @ 4mm

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## MAINTENANCE

Nothing beyond that of any normal maintenance of a live cold store.

## CURE SCHEDULE

Pot life of mixed unit:

Coo-Var C.S.P. Primer

10 – 15 minutes after 30 minutes in cold store

Coo-Var C.S.P. Mortar

10-15 minutes stored at ambient temperature

Full Cure @ -20°C – 5 hours

Full Cure @ -35°C – 12 hours

## CHEMICAL RESISTANCE

Coo-Var C.S.P. Mortar has good resistance against a wide range of chemicals

**COLOURS AVAILABLE** Natural only

## TECHNICAL DATA

Compressive strength – 54 N/mm<sup>2</sup> @ - 12°C

## PLEASE NOTE

Our products are fully guaranteed against defective materials and manufacture. All sales are subject to our Terms and Conditions, a copy of which is available on request.

All the data on the products is given in good faith and reflects many years of experimental and practical work. However, because we have no direct or continuous control over the end use of our products and although we will give advice whenever required, we cannot accept any liability for the end use, whether or not in accordance with any advice, specification, recommendation or information relating to any of our products.

## HANDLING PRECAUTIONS

Coo-Var resin bases and hardeners are generally harmless in use provided that certain precautions normally taken when handling chemicals are observed. The uncured materials must not be allowed to come into contact with foodstuffs or food utensils, and measures should also be taken to prevent skin contact, since people with sensitive skin may be affected. The use of protective clothing, barrier cream, gloves and goggles is recommended. The skin should be thoroughly washed at the end of each working period, using either soap and warm water or resin removing creams. Do not wash the skin with cleaning solvents. Adequate ventilation in the working area is recommended. In case of accidental mouth or eye contact – wash thoroughly with clean water and if in any doubt – consult a doctor immediately.

\*If in any doubt about an application contact Coo-Var Technical Services on 01482-328053

**COO-VAR®**

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