

# COO-VAR CONCRETE REPAIR MORTAR

## DESCRIPTION

Coo-Var Floorpack is a solvent free, two component, heavy duty epoxy mortar for repairing concrete. When cured Coo-Var Floorpack has good impact, abrasion and chemical resistance with the ability to cure in low temperatures and damp, wet conditions. Coo-Var Floorpack is supplied in pre-weighed packs consisting of 2.5kg of Mortar Base and 2.5kg of Mortar Hardener plus ½ litre of solvent, gloves and instructions.

## TYPICAL INSTALLATIONS

Coo-Var Floorpack is for use in areas of high impact, abrasion and chemically corrosive conditions. Large voids in concrete beams, precast units, concrete floors and runways.

## SUBSTRATES

Coo-Var Floorpack will adhere to concrete, grano and asphalt.

## SURFACE PREPARATION

Concrete should be a minimum of 3-4 weeks old. The surfaces should be sound, clean, free from oil, grease or other contamination. Laitence should be removed from concrete and metal surfaces should be wire brushed or sand blasted. Bolts and metal surfaces should be degreased. The surface should be dry.

## PRIMING

Although priming is not always necessary, wetting the surface with the thinners will help penetration and adhesion.

## MIXING

Mix equal quantities of Coo-Var Floorpack Base and Coo-Var Floorpack Hardener. Each component is a different colour and the final mix should be an even grey colour. Any quantity may be mixed depending on the amount of mortar required for the job. The use of smaller mixes is more economical as no material is lost, due to the more rapid setting of larger mixes. The remainder of the Bases and Hardener may be kept for at least one year.

## APPLICATION

5-30°C – Coo-Var Floorpack Mortar is applied to the prepared concrete and well packed into the uneven surface. It is finally levelled with a steel trowel. If the trowel is wiped with a cloth moistened in Coo-Var G.P. Thinners Q265/1S it is possible to get a smooth finish. It is best to apply in layers if a thick coating is required. All tools can be cleaned in Coo-Var G.P. Thinners Q265/1S.

## COVERAGE

0.5m<sup>2</sup> @ 5mm depth per 5kg unit.

## CURE SCHEDULE

Pot life (5kg Pack)	@ 20°C – 1 hour
	@ 5°C - 3 hours
Initial Cure	@ 20°C – 3 hours
	@ 5°C - 12 hours
Full Cure	@ 20°C - 3 days
	@ 5°C - 10 days

## CHEMICAL RESISTANCE

Good general resistance to moderate strengths of acids, alkalis, solvents etc. Please refer to Chemical Resistance Information – TD081.

## COLOURS AVAILABLE

Concrete Grey (other colours can be supplied)

## TECHNICAL DATA

Compressive strength	-	76 MN/mm <sup>2</sup>
Tensile strength	-	18 MN/mm <sup>2</sup>
Flexural strength	-	32 MN/mm <sup>2</sup>
Shrinkage during cure		-Negligible
Shelf Life @ 20°C	-	1-2 years

## 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.

For further details or information please contact our technical department.

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