

# CHEMFLO CR

**PRODUCT CODE:** 3058 – 2 litre - 3055 - 0.5 litre Black only

**DESCRIPTION:** **CHEMFLO CR** is a 2 component, solvent free epoxy coating designed for concrete, metal and brick surfaces. It provides an abrasion resistant, easily cleaned, easily decontaminated finish.

**SPECIFIC USES:** In situations where maximum protection from aggressive liquid and chemicals is required. 3055 - 0.5 Litre pack is specifically used for coating for brake roller drums and potato peeling machines.

**PACKAGING:** **CHEMFLO CR** – 2 litre and 0.5 litre packs are supplied in non returnable plastic containers.

**PREPARATION OF SUBSTRATE:** It is essential that correct preparation is carried out to the substrate. Concrete or brick surfaces must be free from laitance and contamination such as oil or dust. For advice on methods of preparation, contact our Technical Department. On the occasions where priming is necessary **Rotafix P12CR** is the required product.

**MIXING:** Mechanical mixing is essential for 2 litre packs. 0.5 litre pack can be mixed with **3642 Rotafix pallet knife**.

The contents of the curing agent container are added to the contents of the base container and mixed for 2-4 minutes using a slow speed drill (no more than 200 rpm) and a **Rotafix** paddle code:3639.

**APPLICATION AND EQUIPMENT:** **CHEMFLO CR** may be applied by heavy duty short pile rollers, stiff brush or steel float. The surface should be primed with **P12CR** left for 2-6 hours before applying the **CHEMFLO CR** at a rate of 2<sup>l</sup> metre/litre. A second coat of **CHEMFLO CR** should be applied within 24 hours to give maximum chemical protection, the second coat is to be applied at 90° to the first coat to minimise discontinuity in the overall system.

**CURE SCHEDULE:** Pot life of mixed material, approximately 20-30 minutes at 20°C. Initial cure 5-8 hours at 20°C. Full chemical resistance 7 days at 20°C.

**MATERIAL USAGE/ COVERAGE:** Coverage is dependent upon type and absorption of substrate. On vertical surfaces **CHEMFLO CR** may be applied at 125µ per roller coat without sag. In which case the coverage will be minimum 4 square metres per 2 litre pack. **CHEMFLO CR** may be applied at up to 300µ thick on horizontal surfaces.

**CURED PROPERTIES:** Compressive strength - dependent on system 55 - 85 N/mm<sup>2</sup>. Final colour to BS10C31. **CHEMFLO CR** will not bleed or stain but will darken on extended exposure to uV light.

**CLEANING OF TOOLS:** Uncured **CHEMFLO CR** may be readily removed from tools and equipment with **Rotafix S200 PC** Solvent Cleaner. Mechanical methods are required to remove cured material.

**The site conditions and equipment required when using individual Rotafix products are specific for each project. Only advice given by Rotafix in writing will be considered as part of our contractual liability.**

Epoxy resins and their associated curing agents can cause irritation to some people. Please take the necessary precautions indicated in the COSHH details available from our offices. Please read our Users Safety Guide on the Handling of Resin and Polymer products.

The information in this document is based on practical tests, but given without guarantee inasmuch as methods of use by others is beyond our control. Due to continuing development and improvements, it may be necessary to change without notice the material specification. All goods are sold subject to our Standard Conditions of Sale.



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