



Chem Coats (Pvt) Ltd.

Super ChemFlex

Highly flexible waterproofing coating

DESCRIPTION

It is a highly flexible liquid applied emulsion reinforced with membrane or without membrane to provide an in-situ, seamless professional waterproofing system.

USES

Super ChemFlex is recommended for

- Parapet walls.
- Sealing of joints, laps and roofing screws on corrugated roofs.
- Re- waterproofing over existing waterproofing system.
- All types of flashings.
- Flat, shell roof waterproofing system.

BENEFITS

- Super ChemFlex is an all-in-one system.
- There is no need for separate primers (apart from metal surface) or top coats.
- It has excellent weathering properties, adhesion and is tough, flexible.
- It can be supplied in a range of colours.
- 10- Years conditional warranty.
- It is non-toxic once cured.

SURFACE PREPARATION

All surfaces must be clean, dry, sound and free of all laitance, grease, oil or loose particles.

BONDING / PRIMING

All surfaces (except metal) – Mix 1 part Super ChemFlex with 1 part clean water and prime total area to be covered. As a guide, 0.1 liter of Super ChemFlex mixed with 0.1 liter of water will prime an area of 0.75 m². Allow to dry.

NOTE: DO NOT USE SOLVENT BASED BITUMINOUS SOLUTIONS AS A PRIMER.

MIXING

Stir well before use.

COVERAGE

2.1 l/m² for total system.

APPLICATION

First coat (all surfaces after priming) - Brush or roll on a fairly thick coat of Super ChemFlex (1 liter/m²). Bed the membrane into the wet coat by using a roller or a stiff brush, avoiding the formation of bubbles or wrinkles. Membrane overlaps should be a minimum of 100 mm on end laps and 75 mm on side laps.
Second coat – Once the first coat has dried sufficiently to take working traffic (2 - 3 hours depending upon weather), apply a second coat of Super ChemFlex (0.5 liter/m²) to ensure the membrane is completely saturated.

Do not apply Super ChemFlex if rain is expected or if the temperature is below 05° C.



PHYSICAL PROPERTIES

Density (typical)	1.30 g/cm ³
Flash point	None
Finish	Matt
Fire resistance of wet film	Non-flammable
Drying time @ 25° C	Touch dry: 1 hour Hard dry: 24 hours Full Cure: 07 days

CLEANING

Tools, brushes and mixing equipment should be cleaned immediately after use and before material has dried.

PROTECTION ON COMPLETION

Whilst Super ChemFlex is designed for an extended life, it is important to apply a maintenance coat (Super ChemFlex) every 3 to 4 years to validate the product warranty

PACKAGING

20 Kgs containers.

HANDLING & STORAGE

This product has a shelf life of 12 months if kept in a dry cool place in the original packaging. In more extreme conditions this period might be shortened.

HEALTH & SAFETY

Super ChemFlex is non-flammable but should not be allowed contact with skin and eyes. The use of gloves and eye protection is advised. Splashes into eyes should be washed immediately with plenty of clean water and medical advice sought thereafter. Cured Super ChemFlex is inert and harmless.



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IMPORTANT NOTE

The information given in this data sheet is based on current development work and many years of field experience. Whilst every effort is made to ensure that the information is reliable, we cannot accept responsibility for any work carried out with our materials as we have no controls over methods of applications, site conditions etc. In view of the continuing research and development being undertaken in our laboratories we advise customers in their own interest to ensure that this data sheet has not been superseded by a more up-to-date publication. All products are sold subject to our standard conditions of sale which are available on request. Field services, where provided, does not constitute supervisory responsibility. For additional information, please contact your local Chem Coat's representative.

RANGE OF PRODUCTS

WATERPROOFING SYSTEMS
INDUSTRIAL FLOOR SURFACES
PROTECTIVE COATINGS

PREPACKED REPAIR MORTARS
CEMENTITIOUS & EPOXY GROUTS
CONCRETE ADMIXTURES

SEALANTS
CRACK INJECTION
CONCRETE ADHESIVE