

PRODUCT INFORMATION

SPECIFICATIONS

VYREP CF2 meets the requirements of *ASTM C109, ASTM C348.

PACKAGING

VYREP CF2 is packaged in 25 Kg packs

COVERAGE

The approximate yield of 25 Kg packs 12.5:13 Lit

SHELF LIFE

12 months if stored in original unopened packs.

STORAGE

VYREP CF2 should be stored in clean ground over plastic or wooden pallets out from direct sun light and moisture at temperature between +5°C to +35°C

DESCRIPTION

VYREP CF2 is a two-component polymer modified fiber reinforced repair mortar applied by low trowel or by hand for structural concrete repairs.

VYREP CF2 is a proprietary formulation of Portland cement, graded aggregates, unique fibers, and polymers used to increase adhesion, strength, and ease workability.

TYPICAL APPLICATIONS

- Vertical and overhead concrete repairs
- Bridge, parking garages, and tunnels
- Compatible with galvanic anodes
- Manholes, pipelines, dams and other waste water structures
- Concrete repair

FEATURES

- Trowel applied
- Two-component, micro-fiber enhanced
- Silica fume and polymer enhanced
- Contains an integral corrosion inhibitor
- Non toxic

TECHNICAL PROPERTIES

FORM	cementitious	
APPEARANCE	grey	
S.G.	2 kg/lit.	
SETTING TIME	40 min	
COMPRESSIVE STRENGTH	50 N/mm ²	after 28 days
FLEXURAL STRENGTH	11 N/mm ²	after 28 days
BOND STRENGTH	4 N/mm ²	after 28 days
MAXIMUM LAYER THICKNESS	30 mm	

INSTRUCTION FOR USE

▪ Surface Preparation

Concrete surfaces must be structurally sound, free of loose or deteriorated concrete and free of dust, dirt, paint, efflorescence, oil and all other contaminants. Mechanically abrade the surface to achieve a surface profile equal to CSP 6 - 9 in accordance with ICRI Guideline 310.2. Properly clean profiled area.

▪ Priming & Bonding

(Saw Cut & Chipped out Repairs): Thoroughly clean any exposed reinforcing steel, apply VYRUST as an anti rust for corrosive steel then apply VYPROTECT ZR. apply VYLATEX to the concrete as a bonding material within the repair area. Alternatively, application of VYREP CF2 to the saturated surface dry (SSD) concrete surface may be used for bonding. The repair material must be placed on the scrub coat before the scrub coat dries out. Apply VYLATEX to a dry substrate or a scrub coat of VYREP CF2 to the saturated surface dry (SSD) concrete surface. The repair material must be placed on the scrub coat before the scrub coat dries out.

Mixing

Single units may be mixed with a drill and "jiffy" type mixer. Use a paddle type mortar mixer for large jobs. Add the appropriate amount of VYREP CF2 liquid for the batch size, and then add the dry product. Mix for 2 to 3 minutes.

▪ Placement

Place the VYREP CF2 while the scrub coat is still wet. Trowel VYREP CF2 onto the prepared surface at a minimum of (5 mm), up to a maximum of (30 mm). Trowel flush with surface and allow to stiffen.

▪ Curing and Sealing

Proper curing procedures are important to ensure the durability and quality of the repair. To prevent surface cracking, cure the material with a high solid curing compound, such as VYKURE V100. Allow the curing compound to dry. In hot, windy, or direct sunlight situations, apply a second coat of curing compound. If a curing compound is not desired, wet cure for a minimum of three days.

CLEAN UP

Clean all mixing and application equipment with water immediately follows use. If allowed to dry on a surface, removal is extremely difficult

PRECAUTIONS

- VYREP CF2 should not be applied in hot direct sunlight.
- VYREP CF2 should not be applied over bleed water.
- VYREP CF2 should not be applied in rainy weather.
- VYREP CF2 is nonflammable; avoid the direct contact with eye

TECHNICAL SUPPORT

For any technical support, please consult VYCON office or visit our website <http://www.vycon-eg.com>

HEALTH AND SAFETY

Take precautions to avoid inhalation of spray mist and contact with skin and eyes. wear suitable protective clothing gloves, eye protection. if skin comes in contact it should be washed with fresh water and soap. eyes contact should be cautiously washed with fresh water. the product non toxic and non hazardous according to health and safety codes

WARRANTY: VYCON CONSTRUCTION CHEMICALS warrants that; (1) its products will perform substantially in accordance with the accompanying written materials for a period 1 year from the date of receipt. (2) The product will be free from defects in materials and workmanship under normal use for 1 year. In case of any product fails to conform to this warranty, VYCON will replace the product with no cost to the client. VYCON doesn't authorize anyone to make any written statement which may change the installation information or instructions of the product data. The wrong installation of the product which fails to conform to the instructions shall void the warranty.



www.vycon-eg.com

