



REV: 02/09-2019

ACF ML Super 2K

ACF ML Super 2K is a Two component elastomeric waterproofing coating based on selected acrylic polymer and formulated graded cement-based filler. It is ready to use kit which requires just mixing of the components at the site

Uses

- Horizontal and vertical applications
- Water tanks, cisterns, swimming pools (covered)
- Wet areas, such as bathrooms, kitchens, balconies
- Waterproofing of retaining walls, and basements.
- waterproofing of bridge roofs
- Waterproofing of vases and concrete pots
- Facilities such as hot springs, Turkish baths
- Irrigation canals, sewers and concrete pipes
- On adhesion face of granites and marbles.

Technical Information

Appearance	: Component A: Fine grey powder Component B: Milky white liquid
Mixing rate	: 12 kg liquid / 25 kg powder
Flexibility	: Good
Application temperature:	Between +5 ° C and +40 ° C
Duration before use	: Mechanical resistance: 3 days Waterproof : 7 days
Consumption	: 1.7kg / m ² for each layer, for a thickness of 1mm.

Characteristics

- Easy to apply on horizontal and vertical surfaces with a brush, roller, trowel or through a spray machine.
- Does not influence the temperature (up to + 70 ° C)
- Ensures water insulation without welds or joints.
- Ensures high water proofing performance
- As it is elastic, it does not shrink or cause cracks
- Allows concrete to breathe
- Protects concrete surfaces from carbonization and chloride

Application Methodology

- Ensure that the substrate to be coated is sound.
- The substrate must be clean to ensure that the coating adheres properly. The application surface must be free from any material that can prevent adhesion such as: dust, oil, paint, curing agents, detergents, oil, etc.
- The weak parts of the concrete must be repaired, the coatings which do not support adhesion must be removed,
- Any cracks on the surface must be repaired with suitable ACF product
- The dynamic cracks must be repaired with suitable polyurethane product
- Steel and cobbles on the surface should be removed and holes that include outlets should be filled with appropriate products.
- After all the repairing are over, then grind wherever necessary to level the repairs done to the level of substrate.
- Then clean the area and make it dust, debris free before coating primer

Priming:

- Priming is done by mixing ACF Universal primer.
- Allow the primer to dry before coating with ACF ML super 2K

Conditions of application

- The membrane should be used at an ambient temperature of +5 ° C 40 ° C.
- Coatings may not be done when raining or about to rain in next 24 hours.

Mixing and Application

- Add The liquid component into clean container
- Add the powder component slowly in to the container containing liquid whilst mixing
- Mix with drill mixer fitted with suitable stirrer at slow speed or by any other suitable method.
- Mix the mixture till homogeneous lump free slurry is achieved.
- Avoid vigorous or high-speed mixing which may increase the air entrapment of the mix.
- This homogeneous lump free mix is then applied on to the prepared primed surface by stiff brush or any other convenient method.
- Allow the applied coating to dry for 12 hrs before coating second coat.
- The second coat may be applied after 12 hrs to 24 hrs to the coating of first coat. If it extends 24 hrs then the dried coating has to be moistened with water prior to second coat.
- Allow the coating to cure.

Protection:

- Protection of the coated waterproofing system is highly recommended.
- Protection may be done by coating with UV resistance coating based on PU, Pure acrylic etc.
- Alternatively, this waterproofing system can be protected by applying cement-based screed.

Packaging

Powder component is packed in 25 Kg bags and Liquid is packed in 12 Kg

Storage and Shelf life

- Product must be stored in a cool, dry place away from direct sunlight and at temperatures above 5 ° C, Products should not be stored in damp areas

The shelf life is 12 months from manufactured date in original unopened sealed condition

Health and safety

- This product is irritating to eyes and skin due to the contents. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water and soap.
- Wear appropriate protective clothing, gloves and face shield.
- The product should not be inhaled. A dust mask should be used if necessary.
- Keep the product out of the reach of children

Note: The initial controls of our product are made during the production phase. We guarantee the quality of our products. All recommendations and instructions on the data sheet are generally based on our experience. Please contact us for applications on special surfaces are not mentioned in the datasheet. Our company reserves the right to update the information on the data sheet in case of technical needs without notice.

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