

EUCO RE-COVER

FIBER REINFORCED CONCRETE RESURFACER

**EUCLID CHEMICAL**

PACKAGING

EUCO RE-COVER is packaged in 20kg polyethylene lined bags

APPROXIMATE YIELD

11 litres per 20kg bag when mixed with 4 litres of potable water

MINIMUM / MAXIMUM APPLICATION THICKNESS

Feather edge to 10mm

CLEAN-UP

Clean tools and equipment with water before the material hardens.

SHELF LIFE

2 Years in original, unopened container.

DESCRIPTION

EUCO RE-COVER is a polymer modified, fiber reinforced concrete resurfacing mortar. Adding only water, EUCO RE-COVER provides a fresh, aesthetically pleasing appearance to new concrete that has been marred by rain or plastic covering, old or spalled concrete, and salt damaged concrete.

PRODUCT CHARACTERISTICS

FEATURES / BENEFITS

- Excellent working time at 25°C
- Polymer modified
- Micro-fiber reinforced
- Suitable for freeze-thaw environments
- Open to foot traffic in 4 hours, rubber tyre traffic in 12 hours at 25°C
- Available in standard light grey

PRIMARY APPLICATIONS

- Driveways
- Sidewalks
- Pool decks
- Garage floors
- Elevated slabs
- Vertical concrete surfaces

TECHNICAL INFORMATION

The following are typical values obtained under laboratory conditions. Expect reasonable variation under field conditions.

TEST METHOD	TEST PROPERTY	VALUE AT 25°C
-	Working Time	30 Minutes at 25°C
ASTM C266	Initial Set	Approximately 1 hour
ASTM C266	Final Set	Approximately 2.5 hours
ASTM C109	Compressive Strength	28 MPa at 28 days

EUCO RE-COVER (1) July 2023

To the best of our knowledge the technical data contained herein are true and accurate at the date of issuance and are subject to change without prior notice. User must contact StonCor Africa to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. We guarantee our products to conform to StonCor Africa Quality Control. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of products. Prices and cost data, if shown, are subject to change without prior notice. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY STONCOR AFRICA, EXPRESS OR IMPLIED, STATUTORY BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

DIRECTIONS FOR USE

Surface Preparation: Concrete surfaces must be structurally sound, free of loose or deteriorated concrete and be free of curing and sealing compounds, dust, dirt, paint, efflorescence, oil and all other contaminants. Typically, pressure washing the surface with a commercial pressure washer (21 MPa, 0.25 L/s) and allowing to fully dry will be sufficient for preparation. In areas of heavy contamination, preparing the concrete through mechanical means is recommended. Abrade the surface to a profile of at least CSP 2, in accordance with ICRI Guideline 310.2-1997.

Priming: Apply EUCO RE-COVER to dry surfaces. Although a primer is typically not needed, if the concrete is very porous EUCOWELD 2.0 bonding adhesive must be used to prevent pinholes from forming in the EUCO RE-COVER. Please refer to the EUCOWELD 2.0 product data sheet for further instructions.

Mixing: A 20kg bag requires 3.2 litres of potable water. Up to an additional 0.8 litre can be added when the temperature exceeds 25°C. For repairing deeper spalls prior to overlaying, one unit can be mixed with 3.2 to 4 litres of potable water to make a stiff paste suitable for small repairs. All materials should be in the proper temperature range of 10°C to 32°C. Single 20kg bags may be mixed with a drill and “jiffy” mixer. Add 80% of the total mix water to a clean mixing vessel, then gradually add the dry products. Slowly add the remaining 20% of mix water during mixing. Do not exceed maximum water or add any additional additives. Mix for 3 to 5 minutes. Do not retemper. Place immediately.

Colouring: EUCO RE-COVER can be integrally coloured. Add the desired liquid or dry colourant to the mixing water and stir until colourant evenly disperses throughout the water. Continue mixing in the EUCO RE-COVER as directed. The Euclid Chemical Company does not warrant any coloured application. For even results, it is best practice to “box” all mixing water that has been coloured prior to mixing individual units of EUCO RE-COVER. Coloured results vary based on the colourant and amount used.

Placement: Ambient and surface temperatures should be at least 15°C. Working time at 25°C is approximately 30 minutes. Surface and air temperatures greatly affect the working time of the material. Place the mixed EUCO RE-COVER onto the concrete in the desired area. For best adhesion to the concrete, use a scrub brush or stiff street broom to scrub the material onto the prepared substrate. Working from joint to joint in the base concrete is a good practice. On hotter days, it is best practice to work in small, controlled areas to avoid cold joints. This product is designed for finishing with a trowel or a broom. The maximum placement depth of EUCO RE-COVER is 10mm. If multiple lifts are to be applied, score the previous lift after placing to provide a suitable surface for mechanically bonding subsequent lifts.

Finishing: This product is designed to be finished with a trowel or broom. Do not add water to the surface during the finishing operation. When placing under hot and windy conditions, the use of evaporation retarders is recommended to prevent the loss of surface moisture. Always re-establish floor and slab joints when using this product as a finished surface.

Curing and Sealing: Proper curing procedures are important to ensure the durability and quality of the repair. For best results, cure with wet burlap, plastic or a Euclid Chemical high solids cure and seal.

PRECAUTIONS / LIMITATIONS

- Store in a dry place.
- Always mix full units.
- Minimum application temperature is 15°C.
- When necessary, follow the recommendations in ACI 305R “Guide to Hot Weather Concreting” or ACI 306R “Guide to Cold Weather Concreting”.
- Avoid applying material in direct sunlight.
- DO NOT use a solvent-based cure and seal on this product.
- DO NOT use plastic or other covering means to cure EUCO RE-COVER, for discolouration will occur.
- In all cases, consult the Material Safety Data Sheet before use.

EUCO RE-COVER (1) July 2023

To the best of our knowledge the technical data contained herein are true and accurate at the date of issuance and are subject to change without prior notice. User must contact StonCor Africa to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. We guarantee our products to conform to StonCor Africa Quality Control. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of products. Prices and cost data, if shown, are subject to change without prior notice. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY STONCOR AFRICA, EXPRESS OR IMPLIED, STATUTORY BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.