# EURIPARE 502

**CEMENTITIOUS REPAIR MORTAR FOR CRACKS BETWEEN 10MM - 20 MM**

## DESCRIPTION

EURIPARE 502 is a single-component, polymer-modified, non-shrink, compensated cementitious repair mortar. It is designed to effectively conceal blowholes and blemishes on concrete surfaces, providing a smooth and visually appealing finish.

## USES

EURIPARE 502 is a versatile single-component polymer-modified repair mortar that serves various purposes:

- EURIPARE 502 includes shrinkage compensation properties, ensuring minimal cracking and improved long-term performance.
- EURIPARE 502 has a low permeability characteristics contribute to enhanced durability of the repaired areas
- EURIPARE 502, achieving a smooth finish becomes effortless, allowing for a visually appealing surface
- It can be used as a paint coat, providing both protection and aesthetic enhancement to the repaired surface.
- This multipurpose repair mortar is a reliable solution for achieving flawless and long-lasting repairs on concrete surfaces.

## ADVANTAGES

- Excellent workability for easy mixing
- Reduces cracks
- Controls shrinkage
- Could be applied in thick layers
- To achieve an even and consistent surface suitable for painting

## APPLICATION

**Surface Preparation**

Thoroughly clean all concrete surfaces that require repair, removing any dirt, dust, or loose particles. This preparation step helps to create a clean and suitable surface for the application of the repair mortar.

| TYPICAL PROPERTIES | |
|---|---|
| Appearance | Grey Powder |
| Fresh Density | 1.8 g/cm$^3$ |
| Recommended Thickness | 10 mm - 20mm |
| Pull-Off Strength | 1.7 MPa |
| Compressive Strength @ 7Days (ASTM C109-84) | 41.2 MPa |
| Pull Off Bond Strength (ASTM D4541) | 1.7 N/mm$^2$ |
| Working Time | 30min. @27°C |
| Drying Time | 15 min. after Spread |

**Application Instructions**

Prime the repaired areas using EURIPARE BA9 bonding agent mixed with cement. This priming process promotes better adhesion and strengthens the bond between the existing concrete and the EURIPARE 502 repair mortar.
It serves as a preparatory step to optimize the effectiveness and longevity of the repair.

## PLACING AND FINISHING

To apply Euripair 502, use a steel trowel. Apply the mixed mortar to the prepared substrates, ensuring a thickness between 10-20 mm. Let the applied mortar stiffen before smoothing it with a trowel to achieve a smoother finish.

## MIXING

To prepare EURIPARE 502 for application, it is recommended to use a slow mixer. For each 25 kg bag of EURIPARE 502 use (4.25 L - 5.25 L ) of water.
This water-to-bag ratio ensures proper mixing and consistency of the repair mortar, allowing for optimal performance during application.

## CURING

Once the priming is complete, it is crucial to properly cure the repaired areas. One method involves using hessian, a water-absorbent fabric, which is placed over the repaired surfaces. The hessian is then kept moist by regularly spraying it with water. This moist curing method ensures the repair mortar retains sufficient moisture during the critical curing period, allowing it to develop its desired strength and durability.

Alternatively, EUNICURE 90 curing compound can be used as an alternative to hessian and water. This compound is specifically designed to provide efficient curing for concrete surfaces. By applying the EUNICURE 90 compound to the repaired areas, the curing process is facilitated, ensuring optimal performance and durability of the EURIPARE 502 repair mortar.

## YIELD

Approximately  14 litre per 25 kg bag.

## PACKAGING

EURIPARE 502 is supplied in 25 kg bags.

## STORAGE

EURIPARE 502 should be stored and maintained away from direct sunlight and off the ground. Store it on pallets, protected from rainfall. Avoid excessive compaction, as it may damage the product or packaging. Failure to comply with these storage instructions can lead to premature deterioration.

The shelf life of EURIPARE 502 is 12 months from the date of production.

## HEALTH AND SAFETY

For more information, please check the Material Safety Data Sheet.

## CONTACT

Al-Faiha for Engineering Products is the exclusive licensee manufacturer for ECA.

For more information, please contact us at techsupport@alfaihaengineering.com.

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