

EURIPARE 502 S

POLYMER MODIFIED , COSMETIC FINISH MORTAR

DESCRIPTION

EURIPARE 502 S is a one component polymer-modified fairing coat and cosmetic repair mortar designed to effectively conceal blowholes and blemishes on concrete surfaces. EURIPARE 502 S when mixed with water produces a highly consistent, smooth, fine, trowellable mortar providing a smooth and visually appealing finish.

USES

EURIPARE 502 S is a versatile single-component polymer-modified repair mortar, serving various purposes:

- Excels particularly in cosmetic repairs, making it an excellent choice for covering blowholes and blemishes on fair-faced concrete surfaces
- Shrinkage compensation properties, ensuring minimal cracking and improved long-term performance
- Low permeability characteristics contribute to the enhanced durability of the repaired areas
- 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

- Easy to apply, single component which requires only addition of water
- Excellent adhesion to concrete, no primer is required
- Suitable for internal and external applications
- Shrinkage controlled polymer modified cementitious mortar which reduces any potential cracking

STANDARD

EURIPARE 502 S complies with EN 1504-3 standards.

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
Mixed Density	2.015 g/cm ³ ± 0.10
Recommended Thickness	Up to 2mm
Maximum Aggregate Size	100 Microns
Compressive Strength in Compliance with (ASTM C109-84)	@ 3Days: 25 MPa @ 7Days: 27 MPa
Tensile Strength @ 28 Days in Compliance with (BS 6319, Part 7)	≥ 1 MPa
Working Time	50 min. @27°C
Drying Time	40 min.
VOC (ASTM D2369)	≤ 10 g/ltr

MIXING

To prepare EURIPARE 502S for application, it is recommended to use a slow mixer. For each 25 kg bag of EURIPARE 502 S, 7.75- 8 L of water should be added. This water-to-bag ratio ensures proper mixing and consistency of the repair mortar, allowing for optimal performance during application.

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 502S repair mortar. It serves as a preparatory step to optimize the effectiveness and longevity of the repair. Then EURIPARE 502S can be applied by steel trowel. The mixed mortar can be applied to the prepared substrates at up to 2 mm thicknesses. The applied mortar should be allowed to stiffen before trowelling to a smoother finish.



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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 502S repair mortar.

YIELD

Approximately 17 litre per 25 kg bag.

PACKAGING

EURIPARE 502S is supplied in 25 kg bags.

STORAGE

EURIPARE 502S 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 502S 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.

DISCLAIMER

ECA aims to ensure the accuracy of information and recommendations in the product literature. However, due to variations in materials, substrates, and site conditions, and without control over product application, storage, weather, and usage conditions, ECA cannot be held liable for any resulting issues.