

## **EURIPARE 518**

Cementitious repair mortar



### **Product Description**

EURIPARE 518 is a ready for use shrinkage compensated; polymer modified cementitious repair mortar that simply has to be mixed with water to yield a mix with good application properties both on vertical and overhead surfaces. The mix consists of Portland cement blended and formulated with a chemical admixture and graded, oven dried, high quality aggregates.

### **Uses**

EURIPARE 518 is designed for horizontal, vertical and overhead repairs to concrete, profiling to precast concrete and medium duty repairs to concrete floors and pavements, overhead anchoring.

### **Advantages**

- One pack product.
- Shrinkage compensated.
- Resistant to oil and water.
- Composition ensures excellent adhesion to prepared steel and concrete.
- The light density of the mortar enables overhead application in thicker layers possible.
- Low water permeability.

### **Typical Properties**

General:

Appearance: Fine grey powder

Storage life: 12 months in unopened bags

Packed size: 25 kg /bag

Yield: 15.6 liters per bag

Application Water/Powder Ratio: 0.18

Fresh Density: 1,600 kg/m<sup>3</sup>

Consistency: Thixotropic

Mortar/putty Working time: Approx 35 min at 26°C

Service Compressive Strength: ASTM C 109-84,  
Air Cured: 7days 30N/mm<sup>2</sup>

Setting Time: Subject to mix temperature and water content

Bond Strength, BS 6319, Part 4,  
Air Cured: 28 days 13 N/mm<sup>2</sup>

### **Method of Use**

Surface Preparation

All surfaces should be clean and sound. Remove surfaces laitance by acid etching or mechanical grinding, needle gunning or grit blasting ensuring all dust and debris are removed. All surface should be thoroughly wetted before starting and be in a moist condition during placing. Repair sites should be cut back with square edges. Any free surface water must be removed before application.

### **Mixing**

Care should be taken to ensure that EURIPARE 518 is thoroughly mixed prior to use. Pour the powder component into a suitable vessel containing the measured quantity of water gradually stirring well with a slow speed paddle stirrer until the desired consistency is achieved. Alternatively this operation may be carried out in pan mixer such as a cretangle. Small quantities up to 10 kg may mix manually in a bucket, not on a spot board. Ensure thoroughly mixing of the mortar which should be cohesive and free from lumps.

### **Application**

EURIPARE 518 remains workable for approx 3040 min. after mixing. It should be pressed into place using gloved hands or a trowel and well compacted with the face of a wooden or steel float finish with closed surfaces.

### **Curing**

Good curing is essential on all exposed surface, particularly in dry, sunny conditions. Failure to do so will reduce bond, strength and durability. Immediately after finishing; apply a sealer/membrane to all exposed surfaces. Alternative methods are suitable for at least 3 days.

### **Health and Safety**

For further information see the EURIPARE 518 Material Safety Data Sheet, or consult our technical department.

### **Packaging**

EURIPARE 518 is supplied in 25 kg multiply bags.

### **Storage**

This product must be stored in a dry place, free from moisture contact. Approx. 24 hours before use.

### **Technical Service**

The Technical Department is available to assist you in the correct use of our products and its resources are at your disposal entirely without obligation.

### **Contact Information**

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