

CERMIREP PASSIV

STEEL PASSIVATION AND CORROSION PROTECTION



 White



DESCRIPTION

CERMIREP PASSIV is a powder composed of cements, selected fillers, resins and corrosion inhibitors.

ADVANTAGES

- Durable, high protection through active corrosion inhibitors
- Easy and quick to apply with a brush
- Ready to mix: just add water
- Exceptional adhesion to steel and other substrate.
- White tint for visibility and controlled application on the job site

WHERE TO USE

When mixed with water, CERMIREP PASSIV is applied using a brush to the reinforcements. CERMIREP PASSIV protects the rebars from corrosion during concrete reconditioning.

- For indoor and outdoor use
- For coating reinforcements that are too weak
- For protecting rebars after sandblasting or wire brushing

HOW TO USE

Note: The following is a typical description of the application. If your site has other parameters, contact our Technical Department.



Application temperatures



0.22-0.23 L for 1 kg



Clean with water



Pot life approx. 25 min (20°C)



Apply with a brush

TOOLING

Brush
Trowel
Wire brush

SURFACE PREPARATION

All corrosion phenomena must be removed from the concrete substrate and the entire rebars by sandblasting (purity level: SA 2 according to ISO 8501-1/ISO 12944-4) or by brushing with a wire brush. Apply immediately after the rebars are prepared.

PREPARING THE MIXTURE

Blend 1 kg of powder with 0.22-0.23 litre of clean water. Manually mix the powder and water proportionally, until a homogeneous, lump-free mixture is obtained.

HOW TO APPLY THE SYSTEM

Apply with a brush in 2 coats 1 to 2 mm thick before covering with CERMIREP repair mortar (class R2, R3 or R4).

APPLICATION CONDITIONS

Application temperature: +5°C to +30°C
Pot life: at 20°C: approx. 25 minutes
Start of set: 1.5-2 hours
End of set: 2 hours 10 min to 2.5 hours

CLEANING AND MAINTENANCE

The equipment must be cleaned immediately with clean water. Once cured, the product has to be removed mechanically.

TECHNICAL CHARACTERISTICS

COVERAGE

Approx. 75 g/m for Ø 8 mm or 180 g/m for Ø 16 mm.

TECHNICAL CHARACTERISTICS

| Technical Characteristics | Value |
|---------------------------|-----------|
| Particle size | Max 80 µm |
| Powder density | 0,92 |
| Paste density | 1,80 |

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| CE | |
| CERMIREP PASSIV CERMIX- Rue de la Belle Croix - 62 240 DESVRES Numéro de DOP : REP / 2.1 / V3.08.2017 | |
| 13 | |
| EN 1504-7 Corrosion-protection product for use with rebars with better performance requirements | |
| Shear adhesion | Test result satisfactory |
| Corrosion protection | Test result satisfactory |
| Hazardous substances | See safety data sheet |

PACKAGING

3 kg bucket – 80 buckets per pallet.

STORAGE & SHELF LIFE

Can be stored for 12 months from the manufacturing date in the original, unopened packaging.

Store in a dry place at temperatures between +5°C and +35°C.

SAFETY INSTRUCTIONS

- EMISSIONS IN INDOOR AIR (1): Information on the level of volatile substances emitted in air indoors, presenting a toxicity risk by inhalation, on a classification scale ranging from A+ (very low emissions) to C (high emissions).
- Consult the safety data sheet at www.quickfds.fr or ask CERMIX France for it.
- Always wear personal protective equipment that meets current guidelines and regulations.
- Dispose of the contents and container in accordance with local/regional/national/international regulations.

We reserve the right to update this technical document. It is the user's responsibility to always check whether there is a more recent version available at our website, www.cermix.com. It is the responsibility of the person using the products to ensure that the products are compatible and suitable for the planned use. Prior tests may be carried out to confirm that products behave as expected.