



Catalogue Mortars

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OUR PRODUCTS

High-performance technical mortars for professional construction solutions.

At COLCRET, we manufacture all our materials with a strong commitment to customer satisfaction and environmental responsibility. We provide cutting-edge technical solutions and continuously improve our production processes.

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MONOCAPA RASPADO



OC CS IV Wc2

One-coat render for façade decoration and waterproofing. Manual or machine application directly onto brick substrates. Wide range of finishes.

COMPOSITION

Product based on high-strength cement, selected aggregates, special additives, pigments and synthetic resins.

CHARACTERISTICS AND APPLICATIONS

- Direct application onto masonry without the need for a base coat.
- Suitable for interior and exterior use.
- Waterproof coating.
- Vapour permeable, allowing the substrate to breathe.
- Crack-resistant.
- Weather-resistant.
- Eliminates the need for painting.
- Decorative façade finish in a single application.
- Scraped finish.

SUBSTRATES

- Conventional cement-based substrates and brick masonry.
- Substrates must be sound, stable, clean and free from dust, release agents, organic matter, etc.
- In hot, windy conditions or on highly absorbent substrates, pre-wet the surface and allow the water film to disappear.
- At critical points (junctions between different materials, slabs, columns, shutter boxes, corners of door and window frames, etc.), reinforce with fibreglass mesh to prevent cracking.
- On low-porosity substrates, apply a primer (Pavilat-S100) or mechanically increase surface roughness.
- Do not apply over gypsum or painted surfaces.

PACKAGING

25 kg laminated paper bags.

Shelf life up to 1 year in the original unopened packaging, protected from weather and moisture.

TECHNICAL DATA

Appearance: Powder (see colour chart, p. 28)
Water vapour permeability: $\mu \leq 15$
Adhesion: ≥ 0.30 MPa
Classification: UNE-EN 998-1 OC CS IV Wc2



LAVADO-REVOCO C€



GP CS IV Wc2

Dry mortar for thin-layer finishing over cement renders. Waterproof to rainwater and permeable to water vapour.

COMPOSITION

Product based on high-strength cement, selected aggregates and additives.

CHARACTERISTICS AND APPLICATIONS

- Suitable for very smooth finishes.
- Suitable for interior and exterior use.
- Waterproof coating.
- Vapour permeable, allowing the substrate to breathe.
- Excellent adhesion.
- Excellent plasticity, facilitating application.
- For thicknesses up to 5 mm.

SUBSTRATES

- Cement-based renders.
- Substrates must be sound (minimum CS IV), stable, clean and free from dust, release agents, organic matter, etc.
- In hot, windy conditions or on highly absorbent substrates, pre-wet the surface and allow the water film to disappear.
- Do not apply over gypsum or painted surfaces.

PACKAGING

25 kg laminated paper bags.

Shelf life up to 1 year in the original unopened packaging, protected from weather and moisture.

TECHNICAL DATA

Appearance: Powder (see colour chart, p. 28)
Water vapour permeability: $\mu \leq 20$
Adhesion: ≥ 0.20 MPa
Classification: UNE-EN 998-1 GP CS IV Wc2



CAPA FINA C€



GP CS III Wc2

Cement-based mortar with additives and selected aggregates, ready to be mixed with water and applied manually or by machine in a thin layer. Suitable for preparing substrates prior to painting.

CHARACTERISTICS

- Manual or mechanical application. Sprayable.
- Excellent whiteness.
- Good mechanical strength.
- Excellent workability.
- Very fine finish, smooth or float finish.
- Waterproof to rainwater and permeable to water vapour.
- Suitable for interior and exterior use.
- Fast and safe application.
- Factory-controlled formulation and batching, ensuring consistent quality and performance.

SUBSTRATES

Ceramic brick, concrete block and cement-based renders.

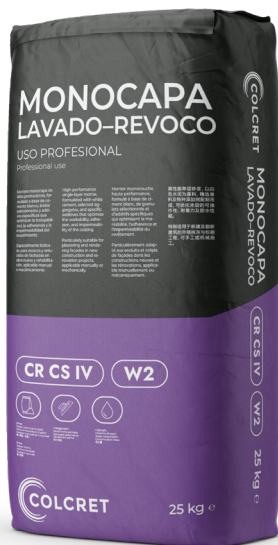
PACKAGING

25 kg laminated paper bags.
Shelf life up to 1 year in the original unopened packaging, protected from weather and moisture.

TECHNICAL DATA

Appearance: Powder (see colour chart, p. 28)
Reaction to fire: A1
Adhesion: ≥ 0.2 MPa
Compressive strength: ≥ 6.0 MPa
Water vapour permeability: $\mu \leq 15$

CAPA GRUESA C E



CR CS IV W2

Cement-based mortar with additives and selected aggregates, ready to be mixed with water and applied manually or by machine. Suitable for preparing substrates prior to painting.

CHARACTERISTICS

- Suitable for white finishing.
- Suitable for interior and exterior use.
- Waterproof coating.
- Vapour permeable, allowing the substrate to breathe.
- Excellent adhesion and high plasticity.
- Thicknesses up to 20 mm without sagging.
- Smooth or float finish.

SUBSTRATES

Ceramic brick, concrete block and cement-based renders.

PACKAGING

25 kg laminated paper bags.
Shelf life up to 1 year in the original unopened packaging, protected from weather and moisture.

TECHNICAL DATA

Appearance: Powder (see colour chart, p. 28)
Reaction to fire: A1
Adhesion: $\approx 0.3 \text{ N/mm}^2$
Compressive strength: $\geq 7.1 \text{ N/mm}^2$
Water vapour permeability: $\mu \leq 15$



GP CS IV Wc2

Adhesive mortar for the installation of insulation systems in cavity walls made of masonry or concrete blocks, as well as in ventilated façades.

Waterproof to rainwater and permeable to water vapour, allowing the system to breathe. Non-combustible system. This mortar enhances thermal and acoustic insulation thanks to its high bonding capacity for fibreglass or rock wool insulation panels.

COMPOSITION

Product based on high-strength cement and selected, sieved dry aggregates, incorporating water-repellent additives and resins to improve workability when applied by spray machine, water resistance, vapour permeability, open time and adhesion performance.

CHARACTERISTICS AND APPLICATIONS

- Bonding of fibreglass or rock wool insulation panels.
- High adhesion to support the weight of the insulation.
- Waterproof to rainwater and permeable to water vapour.
- Easy application.

SUBSTRATES

- Conventional cement-based substrates and brick masonry.
- Substrates must be sound, stable, clean and free from dust, release agents, organic matter, etc.
- In hot, windy conditions or on highly absorbent substrates, pre-wet the surface and allow the water film to disappear.

PACKAGING

25 kg laminated paper bags.

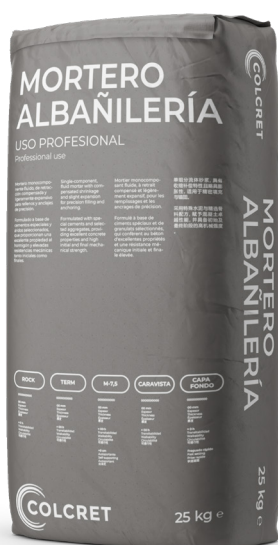
Shelf life up to 1 year in the original unopened packaging, protected from weather and moisture.

TECHNICAL DATA

Appearance: Grey powder
Reaction to fire: A1
Particle size: < 1 mm
Open time: 20 min (depending on ambient conditions and substrate)
Water vapour permeability: $\mu \leq 20$
Coverage: $\approx 7.5 \text{ kg/m}^2$ per 5 mm thickness



TERM C€



ETICS / EWI

Hydraulic mortar used as an adhesive and base coat for EPS insulation boards (standard and graphite), mineral wool and natural cork, within external thermal insulation systems.

This mortar, specifically designed for external thermal insulation systems, provides high adhesion, water resistance, easy application and does not propagate fire. It is also permeable to water vapour.

CHARACTERISTICS

- High adhesion.
- Water-resistant.
- Vapour permeable.
- Easy application.
- Does not propagate fire.

PACKAGING

25 kg laminated paper bags.

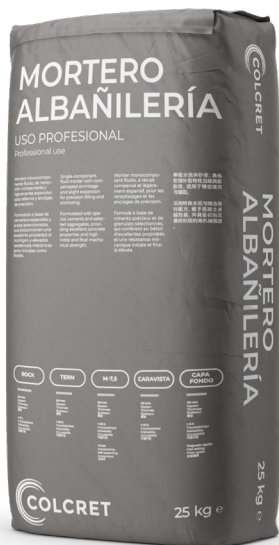
Shelf life up to 1 year in the original unopened packaging, protected from weather and moisture.

TECHNICAL DATA

Reaction to fire: Class F
Water absorption: W2
Compressive strength: ≥ 8.0 MPa
Flexural strength: ≥ 2.0 MPa
Thermal conductivity: 0.47 W/m·K
Tensile adhesion strength on concrete: ≥ 0.8 N/mm ²



CARAVISTA C€



GP CS IV Wc2

Coloured mortar designed for general use, intended for interior and exterior construction subject to typical mechanical stresses on site.

CHARACTERISTICS

- Wide range of colours.
- Suitable for masonry work, facing brick and concrete block.
- Vapour permeable and resistant to rainwater.

PACKAGING

25 kg laminated paper bags.
Shelf life up to 1 year in the original unopened packaging, protected from weather and moisture.

TECHNICAL DATA

Appearance: Powder (see colour chart, p. 28)
Compressive strength: > 10 N/mm ²
Water absorption: $\approx 0.2 \text{ kg/m}^2 \cdot \text{min}^{0.5}$
Classification: UNE-EN 998-1 GP CS IV Wc2



CAPA FONDO C€



Cement-based mortar with additives and selected aggregates, ready to be mixed with water and applied manually or by machine. Suitable for preparing substrates prior to painting.

CHARACTERISTICS

- Excellent workability.
- Very good adhesion on sound substrates.
- Direct application onto masonry.
- Good mechanical strength.
- Coverage: 1.8 kg/m² per mm thickness.

USES

Mortar for levelling the substrate prior to applying the final finishing mortar layer.

SUBSTRATES

Ceramic brick, concrete block and cement-based renders.

PACKAGING

25 kg laminated paper bags.
Shelf life up to 1 year in the original unopened packaging, protected from weather and moisture.

TECHNICAL DATA

Reaction to fire: A1
Adhesion: 0.5 N/mm ²
Flexural strength: 2.7 N/mm ²
Compressive strength: 7.1 N/mm ²
Capillary absorption coefficient: 0.14 kg/m ² ·min ^{0.5}
Water permeability: 0.6 ml/cm ²
Dry bulk density: 1581 kg/m ³

M-7,5 HF C€



UNE-EN 998-2

Factory-produced dry pre-mixed water-repellent mortar, based on cement as an inorganic binder, with controlled grading aggregates and chemical additives.

USES

Masonry mortar specifically designed for all types of masonry requiring high strength.

SUBSTRATES

- Renders.
- Brick walls.
- Concrete blocks

PACKAGING

25 kg laminated paper bags.
Shelf life up to 1 year in the original unopened packaging, protected from weather and moisture.

TECHNICAL DATA

Appearance: White or grey powder
Water vapour permeability: $\mu < 2.8$
Compressive strength: $\geq 7.5 \text{ N/mm}^2$
Classification: UNE-EN 998-2



PAVILEVEL 6 C€



C20 F6 A12 B2

Pumpable, fluid mortar with easy spreading and leveling properties, designed for the preparation of floors and screeds prior to the installation of lightweight floor coverings requiring high flatness.

APPLICATION

- Levelling of screeds.
- Floor levelling.
- Substrates for aesthetic finishes.
- Light bonded systems.

PACKAGING

25 kg laminated paper bags.
Shelf life up to 6 months in the original unopened packaging, protected from weather and moisture.

TECHNICAL DATA

Thickness: 5 – 50 mm
Walkability: 24 h
Compressive strength: $\geq 20 \text{ N/mm}^2$
Flexural strength: $\geq 6 \text{ N/mm}^2$

PAVILEVEL 50



C35 F7 A6 B2

Polymer-modified self-leveling mortar for screed build-up and levelling. Once hardened, it is suitable for receiving discontinuous floor coverings and continuous synthetic coatings.

System designed for the preparation and levelling of interior floors prior to the installation of floor coverings, allowing the correction of irregularities and the achievement of smooth, flat surfaces suitable for ceramic tiles, natural stone, parquet, vinyl flooring or carpets.

CHARACTERISTICS

- Fast commissioning.
- High self-levelling capacity and excellent flatness.
- No segregation and high robustness against variations in water content.
- Suitable for parking areas.
- Suitable for underfloor heating systems.
- Manual or pump application.
- Suitable for new build and refurbishment.

SUBSTRATES

Suitable for application on concrete and mortar substrates, provided they are sound, stable, clean and with a residual moisture content below 3%. On absorbent substrates, the prior use of a bonding primer is recommended.

PACKAGING

25 kg laminated paper bags (48 bags per pallet). Shelf life up to 6 months in the original unopened packaging, protected from weather and moisture.

TECHNICAL DATA

Thickness: 5 – 50 mm
Walkability: 24 h
Compressive strength: $\geq 35 \text{ N/mm}^2$
Flexural strength: $\geq 10 \text{ N/mm}^2$

PAVILEVEL 50 R C E



C40 F10 A6 B2

Thin-layer, fast-drying polymer-modified self-levelling mortar for screed build-up and levelling. Once hardened, it is suitable for receiving discontinuous floor coverings and continuous synthetic coatings.

System designed for the preparation and levelling of interior floors prior to the installation of floor coverings, allowing the correction of irregularities and the achievement of smooth, flat surfaces suitable for ceramic tiles, natural stone, parquet, vinyl flooring or carpets.

CHARACTERISTICS

- Walkable after 12 hours.
- Fast commissioning.
- High self-levelling capacity and excellent flatness.
- No segregation and high robustness against variations in water content.
- Suitable for parking areas.
- Suitable for underfloor heating systems.
- Manual or pump application.
- Suitable for new build and refurbishment.

SUBSTRATES

Suitable for application on concrete and mortar substrates, provided they are sound, stable, clean and with a residual moisture content below 3%. On absorbent substrates, the prior use of a bonding primer is recommended.

PACKAGING

25 kg laminated paper bags (48 bags per pallet). Shelf life up to 6 months in the original unopened packaging, protected from weather and moisture.

TECHNICAL DATA

Thickness: 5 – 50 mm
Walkability: 12 h
Compressive strength: $\geq 40 \text{ N/mm}^2$
Flexural strength: $\geq 10 \text{ N/mm}^2$
Setting time: 180 min (25 °C / 10 mm)

PAVILEVEL PLAN CE



C25 F5 A12 B2

Fluid mortar for surface levelling. Its easy spreading and levelling properties make it ideal for application on cement-based floors, as well as for preparing surfaces prior to the application of subsequent floor coverings.

USES AND SUBSTRATES

Levelling and smoothing of interior floors prior to the installation of floor coverings. Designed to correct irregularities and achieve smooth, flat surfaces suitable for ceramic tiles, natural stone, parquet, vinyl flooring or carpets.

Compatible with underfloor heating systems, where it allows the encapsulation of pipes and ensures efficient heat transfer.

Suitable for both new build and refurbishment works on concrete and mortar substrates.

Suitable for parking areas.

PACKAGING

25 kg laminated paper bags (48 bags per pallet). Shelf life up to 6 months in the original unopened packaging, protected from weather and moisture.

TECHNICAL DATA

Thickness: 5 – 15 mm
Walkability: 24 h
Compressive strength: $\geq 25 \text{ N/mm}^2$
Flexural strength: $\geq 5 \text{ N/mm}^2$

PAVILEVEL PLAN FV



C35 F10 A9 B2

Fluid mortar for surface levelling reinforced with AR glass fibres (alkali-resistant, % Zr > 17.5%), which improve flexural performance and control shrinkage.

USES AND SUBSTRATES

Levelling and smoothing of interior floors prior to the installation of floor coverings. Designed to correct irregularities and achieve smooth, flat surfaces suitable for ceramic tiles, natural stone, parquet, vinyl flooring or carpets.

Compatible with underfloor heating systems, where it allows the encapsulation of pipes and ensures efficient heat transfer.

Suitable for both new build and refurbishment works on concrete and mortar substrates.

Suitable for parking areas.

PACKAGING

25 kg laminated paper bags (48 bags per pallet).

Shelf life up to 6 months in the original unopened packaging, protected from weather and moisture.

TECHNICAL DATA

Thickness: 5 – 50 mm
Walkability: 24 h
Compressive strength: $\geq 25 \text{ N/mm}^2$
Flexural strength: $\geq 5 \text{ N/mm}^2$
Self-supporting: > 3 cm

IMPERCRET FLEX C€



UNE-EN 1504-2 • CM02P • EN 14891

Two-component flexible cementitious mortar for waterproofing concrete surfaces and cement-based substrates.

Impercret Flex is a polymer-modified mortar (PCC) that provides high flexibility and excellent adhesion, allowing it to bridge microcracks and ensure watertightness even in areas exposed to permanent moisture or water pressure. It is particularly suitable for applications beneath ceramic coverings and on surfaces exposed to demanding conditions, both indoors and outdoors.

CHARACTERISTICS

- Polymer-modified mortar (PCC) with high flexibility.
- Waterproof under pressure up to 7.5 atm.
- Crack-bridging capability.
- Suitable for interior and exterior applications.
- Rapid hardening without cracking.
- Resistant to frost, de-icing salts, low temperatures (-20°C), weathering, and chlorinated or potable water.
- Suitable for application beneath ceramic coverings.
- Vapour permeable.

USES

Terraces, balconies, swimming pools, water tanks, foundations, underground walls, basements, bathrooms, showers, planters and other areas exposed to moisture or water action.

SUBSTRATES

Concrete, conventional cement-based substrates, cement renders and repair mortars, provided they are sound, stable, clean and free from dust, release agents, oils, paints or other contaminants that may affect adhesion.

Absorbent substrates must be pre-wetted to saturation, avoiding standing water, and the product should be applied when the surface has a matt appearance.

Smooth, low-absorption or highly deteriorated substrates must be treated by sandblasting or similar methods to achieve adequate surface roughness and tensile strength.

The specific requirements of EN 1504-10 for concrete substrates must be observed.

PACKAGING

- Powder: 25 kg bag
- Resin: 8 L canister

Shelf life up to 12 months in the original unopened packaging, protected from moisture and frost.

TECHNICAL DATA

Crack-bridging capacity: $\geq 0.75 \text{ mm } (-5^{\circ}\text{C} / -20^{\circ}\text{C})$
Adhesion: $\geq 0.5 \text{ MPa}$ after severe cycles
Watertightness: No penetration

Impercret Dry-SF CE



UNE-EN 1504-2 • CM02P • EN 14891

Flexible cementitious water-proofing mortar for the protection of concrete and masonry.

Impercret Dry-SF combines waterproofing performance and flexibility, allowing the protection of surfaces subjected to water pressure and minor substrate movements. Its formulation makes it particularly suitable for waterproofing applications in permanent contact with water.

CHARACTERISTICS

- Polymer-modified mortar (PCC).
- Semi-flexible cementitious waterproofing.
- Waterproof even under pressure.
- Vapour permeable.
- Capability to accommodate minor cracking.
- Rapid hardening without cracking.
- Resistant to frost, de-icing salts, low temperatures (-20°C), weathering, and chlorinated or potable water.
- Suitable for interior and exterior use.

USES

Water tanks, reservoirs, ponds, swimming pools, fountains, basements, and interior and exterior walls.

SUBSTRATES

Smooth concrete blocks and precast elements, cement-rich renders and traditional construction substrates, provided they are sound, stable, clean and free from dust, release agents or other contaminants. In hot or windy conditions, or on highly absorbent substrates, it is recommended to pre-wet the surface and allow the water film to disappear.

PACKAGING

25 kg multi-layer paper bags with moisture-resistant lining. Shelf life up to 12 months in the original unopened packaging, protected from weather and moisture.

TECHNICAL DATA

Direct tensile adhesion: $\geq 1.0 \text{ MPa}$
Capillary absorption and water permeability: $W < 0.1 \text{ kg/m}^2\text{h}^{1/2}$
Waterproof under pressure: $\leq 7.5 \text{ atm}$

Impercret Dry



UNE-EN 1504-2

Cementitious waterproofing mortar for the protection of concrete and masonry against moisture and water ingress.

Fine cementitious modified mortar which, when mixed with water, forms a rigid waterproof layer capable of withstanding hydrostatic pressure. It is particularly suitable for waterproofing on stable substrates where it is necessary to block water penetration.

CHARACTERISTICS

- Rigid cementitious waterproofing.
- Excellent adhesion without the need for bonding primers.
- Resistant to frost and freeze-thaw cycles.
- Applicable on damp surfaces.
- Suitable for manual or spray application.
- Suitable for interior and exterior use.
- Vapour permeable.

USES

Walls, basements, foundations, tanks, lift pits, planters, bathrooms, showers and other areas affected by structural moisture.

SUBSTRATES

Concrete, conventional cement-based substrates, cement renders and repair mortars, provided they are sound, stable, clean and free from dust, oils, paints or other contaminants.

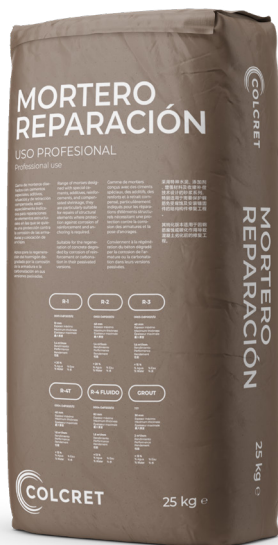
PACKAGING

25 kg multi-layer paper bags with moisture-resistant lining. Shelf life up to 12 months in the original unopened packaging, protected from weather and moisture.

TECHNICAL DATA

Direct tensile adhesion: ≥ 1.0 MPa
Compressive strength: ≥ 30 MPa
Capillary absorption and water permeability: $W < 0.1 \text{ kg/m}^2\text{h}^{1/2}$
Resistant to positive and negative pressure

R-1 CE



Class R1 • GP CS IV Wc2

Thixotropic, single-component, shrinkage-compensated mortar for surface levelling and cosmetic repair of concrete.

Formulated with special cements, selected aggregates, organic additives and resins that provide excellent adhesion and high mechanical strength. Fibre-reinforced. Particularly recommended for thin-layer surface repairs.

CHARACTERISTICS

- Polymer-modified mortar (PCC).
- Excellent re-profiling properties.
- Suitable for interior and exterior use.
- Chloride-free.
- Resistant to water and weathering.
- Vapour permeable.
- Free from organic fibres.
- Applicable by hand or machine.
- Very smooth surface, ready for painting.

TECHNICAL DATA

Adhesion: ≥ 0.80 MPa
Compressive strength: ≥ 10.0 MPa
Thermal compatibility Part 1: No cracking
Reaction to fire: A1

USES AND SUBSTRATES

Cosmetic and non-structural repair of precast concrete elements. Suitable for correcting surface defects such as spalling, damaged edges and corners, honeycombing, pores, minor cracks and irregularities in concrete and mortar. Suitable for levelling, smoothing and fine finishing of surfaces, as well as for filling small non-moving joints.

PACKAGING

25 kg multi-layer paper bags with moisture-resistant lining. Shelf life up to 12 months in the original unopened packaging, protected from weather and moisture.

R-2 C€



Class R2 • GP CS IV Wc2

Thixotropic, single-component, rapid-setting, shrinkage-compensated mortar with high strength for small non-structural repairs.

Formulated with special cements, selected aggregates, organic additives and resins that provide excellent adhesion and high mechanical strength, both at early and final stages. Fibre-reinforced. Particularly recommended for small repairs and non-structural anchoring. Fine aesthetic finish.

CHARACTERISTICS

- Polymer-modified mortar (PCC).
- Excellent re-profiling properties.
- Suitable for interior and exterior use.
- Chloride-free.
- Resistant to water and weathering.
- Vapour permeable.
- Free from organic fibres.
- Applicable by hand or machine.
- Very smooth surface, ready for painting.

USES AND SUBSTRATES

Localised non-structural repairs of concrete, filling of cavities and formation of fillets (coving). Suitable for repair works on edges, cornices, balcony fronts and ceilings, as well as for the rapid fixing of elements such as frames and subframes. Suitable for vertical applications requiring a fine finish and fast execution.

PACKAGING

25 kg multi-layer paper bags with moisture-resistant lining. Shelf life up to 12 months in the original unopened packaging, protected from weather and moisture.

TECHNICAL DATA

Adhesion: ≥ 0.80 MPa
Compressive strength (28 days): ≥ 15.0 MPa
Thermal compatibility Part 1: ≥ 0.80 MPa
Reaction to fire: A1

R-3 C€



Class R3

Thixotropic, single-component, shrinkage-compensated mortar with high strength for structural repair.

Formulated with special cements, selected aggregates, organic additives and resins that provide excellent adhesion and high mechanical strength, both at early and final stages. Fibre-reinforced. Particularly recommended for concrete repair.

CHARACTERISTICS

- Polymer-modified mortar (PCC).
- Plastic and ductile consistency. Easy to shape.
- Suitable for interior and exterior use.
- Chloride-free.
- Shrinkage-compensated.
- Free from organic fibres.
- Applicable by hand or machine.
- Surface ready for painting.

USES AND SUBSTRATES

Reconstruction and repair of structural and non-structural concrete elements, including precast components and concrete surfaces. Suitable for levelling and repairing edges, cornices, balcony fronts, ceilings and façades, as well as for repairing spalling and deterioration in buildings, bridges and infrastructure.

Suitable for concrete strengthening works by adding mortar to increase cover thickness, contributing to the protection and durability of the substrate.

PACKAGING

25 kg multi-layer paper bags with moisture-resistant lining and 5 kg bags in boxes of 4 units. Shelf life up to 12 months in the original unopened packaging, protected from weather and moisture.

TECHNICAL DATA

Adhesion: ≥ 1.50 MPa
Compressive strength: ≥ 25.0 MPa
Thermal compatibility Part 1: ≥ 1.50 MPa
Reaction to fire: A1

R-4T C€



Class R4

Thixotropic, single-component, shrinkage-compensated, high-strength mortar for structural repair.

Formulated with special cements, selected aggregates, organic additives and resins that provide excellent adhesion and high mechanical strength, both at early and final stages. Fibre-reinforced. Particularly suitable for concrete repair.

CHARACTERISTICS

- Polymer-modified mortar (PCC).
- Plastic and ductile consistency. Easy to shape.
- Suitable for interior and exterior use.
- Chloride-free.
- Shrinkage-compensated.
- High modulus of elasticity.
- Free from organic fibres.
- Surface ready for painting.

USES AND SUBSTRATES

Reconstruction and repair of structural and non-structural concrete elements, including precast components and levelling works. Suitable for restoring the structural integrity of reinforced concrete, repointing of precast elements, and interventions on columns, beams, piers, tunnels, pipelines and underground structures.

Suitable for repairing spalling and concrete deterioration, as well as for strengthening works through mortar application, increasing load-bearing capacity and cover thickness, and contributing to protection against carbonation.

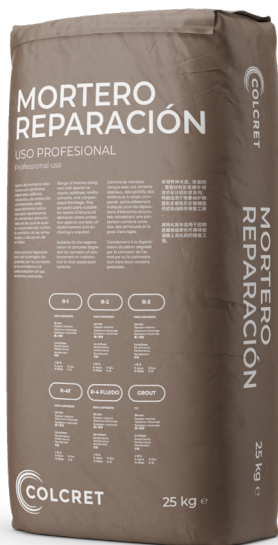
PACKAGING

25 kg multi-layer paper bags with moisture-resistant lining. Shelf life up to 12 months in the original unopened packaging, protected from weather and moisture.

TECHNICAL DATA

Adhesion: ≥ 2.0 MPa
Compressive strength: ≥ 45.0 MPa
Thermal compatibility Part 1: ≥ 2.0 MPa
Carbonation resistance: $dk \leq$ reference concrete MC (0.45)
Reaction to fire: A1

R-4 FLUIDO C E



Class R4

Single-component, high-strength, shrinkage-compensated fluid mortar for structural repair.

Formulated with special cements, selected aggregates, organic additives and resins that provide excellent adhesion and high mechanical strength, both at early and final stages. Fibre-reinforced. Particularly suitable for concrete repair in horizontal applications.

CHARACTERISTICS

- Shrinkage-compensated.
- Minimises the risk of cracking.
- Self-compacting.
- Application thickness: 10 to 80 mm.
- No segregation.
- High strength and low permeability provide maximum protection against carbon dioxide (carbonation) and chloride ions.
- Fluid consistency: easy application by pouring or pumping.

USES AND SUBSTRATES

Suitable for structural repair and strengthening of concrete, as well as for maintenance and restoration of reinforcement passivation. Recommended for interventions in difficult-to-access areas and in structures with high reinforcement density.

Suitable for the repair of structural elements such as columns, walls, beams and concrete slabs, as well as for correcting minor surface defects in pavements and strengthening heavily deteriorated elements or those subjected to increased load-bearing requirements.

PACKAGING

25 kg multi-layer paper bags with moisture-resistant lining. Shelf life up to 12 months in the original unopened packaging, protected from weather and moisture.

TECHNICAL DATA

Adhesion: ≥ 2.0 MPa
Compressive strength: ≥ 45.0 MPa
Thermal compatibility Part 1: ≥ 2.0 MPa
Carbonation resistance: $dk \leq$ reference concrete MC (0.45)
Reaction to fire: A1

GROUT CE



UNE-EN 1504-6

Single-component, fluid, shrinkage-compensated and slightly expansive mortar for grouting and anchoring.

Formulated with special cements and selected aggregates, providing excellent bonding to concrete and high mechanical strength, both at early and final stages.

CHARACTERISTICS

- Fluid mortar.
- Easy mixing and application.
- Excellent adhesion to concrete, mortar and steel.
- High self-levelling and filling capacity, with no segregation or bleeding after mixing.
- Chloride-free and free from organic fibres.
- Shrinkage-compensated.
- Slightly expansive.
- Suitable for interior and exterior use.
- Free from substances aggressive to concrete and steel.
- Resistant to water, oils, greases and petroleum derivatives.

USES AND SUBSTRATES

Anchoring of metal elements, concrete components and machinery. Strengthening of concrete elements by jacketing. Grouting of machine base plates.

Fixing of anchor bolts. Filling of cracks and voids within concrete structures. Grouting under base plates by pouring.

PACKAGING

25 kg multi-layer paper bags with moisture-resistant lining. Shelf life up to 12 months in the original unopened packaging, protected from weather and moisture.

TECHNICAL DATA

Adhesion: ≥ 2.0 MPa
Compressive strength: ≥ 45.0 MPa
Thermal compatibility Part 1: ≥ 2.0 MPa
Reaction to fire: A1

PAVISOL HIDRO BA C€



ETE 21/0061

Invisible water-based water-repellent treatment for façades in fair-faced masonry and natural stone.

Water-based solution with transparent silicones designed to impregnate the substrate, providing effective water-repellent protection.

PROPERTIES

- Deep penetration into the substrate.
- Rapid hydrophobic effect.
- Reduces dirt absorption.
- Prevents efflorescence of soluble salts while allowing the façade to breathe.
- Water vapour permeable.
- Preserves and protects the original appearance of the substrate without altering its colour or finish.

APPLICATIONS

Interior and exterior use.

Ideal for water-repellent treatment of façades in natural stone, facing brick, concrete, cement-based mortars, gypsum and fibre cement.

Does not modify the natural appearance, while providing water repellency.

PACKAGING

5 L and 25 L containers.

Shelf life up to 6 months from manufacture in the original unopened packaging, stored in a closed environment at temperatures between 10 and 30 °C.

TECHNICAL DATA

Appearance: Milky white
Density: 1.05 kg/l $\pm$ 0.05 kg/l
Touch dry: 1 hour at 20 °C
Application methods: Brush, roller or spray
Coverage: 3–5 m ² /l depending on substrate
Dilution and cleaning: Water Product ready to use – no dilution required
Overcoating: Not overcoatable. If applying two coats for saturation, apply the second coat before the first coat is completely dry.

PAVICRIL HIDRO DSV C€



Solvent-based water-repellent treatment with high penetration capacity for construction materials.

Designed to penetrate deeply into the pores of substrates, repelling water from within and enhancing the long-term durability of the hydrophobic effect.

CHARACTERISTICS

- Colourless.
- Does not alter the appearance of surfaces.
- Deep penetration into construction materials.
- Water vapour permeable.
- Water-repellent.
- Excellent resistance to weathering.

SUBSTRATES

This solvent-based water-repellent treatment can be applied on a wide range of surfaces such as:

- Brick
- Fibre cement panels
- Natural stone
- Wood
- Cement
- Concrete

Do not apply on gypsum, glass, painted surfaces, plastics or metals.

COVERAGE

Depending on the porosity and characteristics of the substrate: 0.25 to 1 litre/m²

PACKAGING

5 L and 25 L containers.

Shelf life up to 12 months in the original unopened packaging, protected from direct sunlight and frost.

FIJADOR ACRÍLICO



Water-based acrylic sealer with high penetration, designed to consolidate and stabilise substrates.

APPLICATIONS

For the preparation of cement-based walls, fibre cement and gypsum substrates prior to the application of coatings, water-based paints, decorative plasters, mineral finishes and waterproofing systems.

Suitable for improving adhesion and achieving washable and water-resistant finishes over existing coatings.

PACKAGING

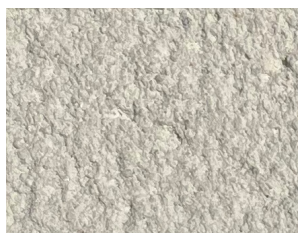
5 L and 25 L containers.

Shelf life up to 12 months in the original unopened packaging, protected from direct sunlight and frost.

TECHNICAL DATA

Finish: Transparent
Drying time: 30–60 minutes
Overcoating time: 4–6 hours
Density: 1.05 ± 0.05 gr/cc (UNE-EN-ISO 2811-1)
Viscosity: 40 ± 15 KU (Krebs Units) at 25 ± 10 °C (UNE 48.076)
Coverage: 5–10 m ² /litre (undiluted product)
VOC: 2004/42/II (A/h) – max. 20 g/l
Tools cleaning: Water

COLOUR CHART



MR 800



MR 801



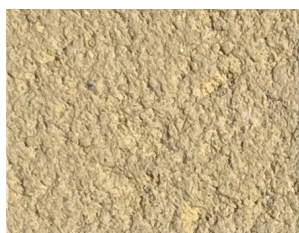
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MR 803



MR 810



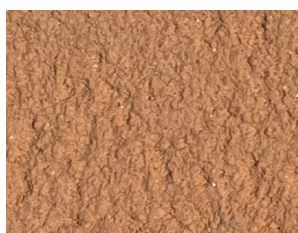
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MR 812



MR 813



MR 820



MR 821



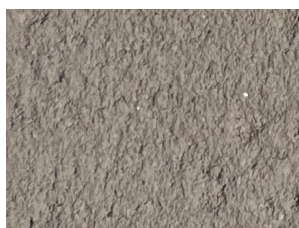
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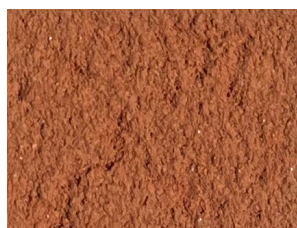
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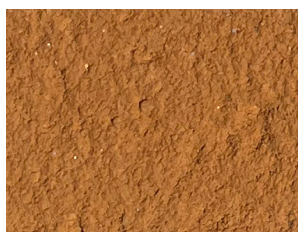
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MR 832



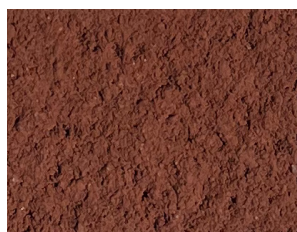
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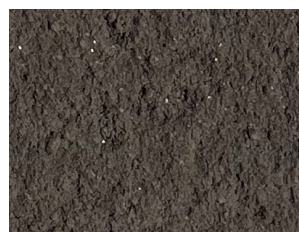
MR 840



MR 841



MR 842



MR 843

Due to the manufacturing process, the colours shown in this chart are for guidance only and may vary from the final colour once the product has been applied.





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