



ARTIMIX 20

10592

HYDRAULIC MICROCEMENT ONE-COMPONENT POWDER CONTINUOUS COATING

DESCRIPTION AND MAIN USES

Mineral coating for walls, floors, basements, health facilities, sports facilities, hotels, offices, shops and shopping centres, schools and nurseries, nursing homes, etc.

For installations which require:

- Levelling or thickness coating.
- Resistance to abrasion.
- Excellent adhesion to any type of surface.

PROPERTIES

- Breathable.
- Continuous.
- Progressive hardening.
- Decorative.
- Easy to use and easy to clean.
- Resistant to friction and wear.
- High alkalinity, which makes it compatible with construction surfaces.
- Excellent adhesion to any type of correctly prepared surface.

LIMITATIONS

- Do not apply to surfaces contaminated by concrete additives, waxes or silicone.
- Do not apply to crumbling, powdery surfaces or surfaces with active fissures and cracks.
- Always prepare the surface correctly.



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ARTIC INDUSTRIAL QUIMICA, S.A. 1999

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CTRA DE GERB, 51-73 -25600- BALAGUER (LLEIDA) 973 450717 info@articsa.net

C/ BAILEN, 244 - 08037 - BARCELONA 93 794 7804 articbailen@articsa.net

C/ IFNI, NAU 3 i 5 -08930- SANT ADRIÀ DE BESÒS (BCN) 93 300 6718 articsabcn@articsa.net

C/ MARE DE DÉU DE MONTSERRAT, 14 -07008- PALMA DE MALLORCA 971 409 110 mallorca@articsa.net

TECHNICAL INFORMATION**PRODUCT**

Type	Powder cement, aggregates and additives.
Number of components	One
Mixture	1 kg Artimix 20 + 0.25 L water(1 drump of 15Kg+3,75 L water)
Specific weight	1.8 Kg. / cm ³ ± 0.05
mixture pH	12+-0.5
Solids content of the mixture	80+-2%
Flash point	Non-flammable.

APPLIED PRODUCT

Colour	Standard white, easy to dye with alkaline-resistant pigments.
Finish	Matt or satin depending on degree of pigmentation and scrubbing.

APPLICATION TECHNIQUE INFORMATION

Mixing.....	Use a low-speed mixer and pour the producto onto the water, preventing the formation of lumps or agglomerates. Proportion: - Can of 15Kg + 3,75 L water. - Can of 5Kg + 1,25 L water.
Pot life of the mixture.....	2 to 3 hours at 25°C with periodic agitation A relatively pasty, dense mix of the mortar can be applied vertically, preventing sagging. For levelling flooring with trowel, gauge rake or rubber squeegee, dilute with 5% additional water.
Minimum thickness required....	Two layers of 1.5mm each are required to obtain mechanical resistance, especially on flooring, and cohesion without shrinkage.
Recommendations.....	Always install grid mesh between coats of ARTIMIX 20 GRUESO. More important, if possible, when high physical resistance is desired.
Interval between coats.....	24 hours (25°C) at 65% relative humidity.
Drying times.....	48 hours (25°C) at 65% relative humidity. The product hardens progressively through carbonation. Optimum hardness, 30 days.

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Coverage.....	1.5kg/m2 per 1mm of thickness.
Minimum conditions for application.....	Minimum temperature of +7°C and maximum of 35°C. Wet overheated surfaces with water. Do not apply when there is a risk of condensation, freezing temperatures or high temperatures, or in direct sunlight.
Surface preparation.....	Dry and free from fungi, algae or lichens (Sanart S can be used) and degreased grease from construction additives. Completely cohesive and consolidated without residues or debris.
Application.....	Trowel, gauge rake, rubber squeegees or with suitable high-pressure spray equipment with thick nozzles. Last coats with stainless steel trowel to facilitate polishing.
Protection for finish.....	New Tec Barniz Microcemento is recommended as a finishing varnish so that the microcement does not accumulate dirt. If resistance to abrasion is required due to transit or if the product is in temporary contact with water (baths, shower plate, etc.), apply Bartidur A-2C . In both cases, the surface shade is slightly lighter (wet look). For situations not included in this technical sheet, consult our Technical Sales Service.

STORAGE AND PACKAGING

Supply format	Drums of 15 and 5 kg.
Storage	In closed original packaging at temperatures of +5°C to +35 °C.
Expiry	2 years from the manufacturing date, in original unopened packaging.

SAFETY AND THE ENVIRONMENT

Read the packaging label and the Safety Sheet.

Commercial file that cancels and replaces any previous version. The technical data have been obtained on standardized supports and under laboratory conditions, so they may vary according to the conditions of installation. These technical data do not imply any guarantee on our part in the event that our product has been misused. Our indications are made to the best of our knowledge, but do not exempt the customer from self-examination of the product and its verification for the intended use.



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