



RESTAUROMIX ECOCALIX JOINT W RES19



ITEM SPECIFICATIONS

Hydrophobic mortar based on natural hydraulic lime NHL 3.5, selected sands with appropriate particle size, for restoring or grouting bricks and stones walls, class M10.

TECHNICAL CHARACTERISTICS

RESTAUROMIX ECOCALIX JOINT W is a mortar for natural restoring, bedding and grouting. Hydrophobic, eco-efficient, based on natural hydraulic lime NHL 3,5 complying with the standard EN 459-1, natural additives and natural super-pozzolanic minerals. Ideal for the construction of green buildings and with a high living comfort.

THE PRODUCT



FOR OUTDOOR



PACKS OF 25 KG



FOR INDOOR



PACKS OF 20 KG



NATURAL HYDRAULIC LIME BASED



PACKS OF 14 KG



TO BE APPLIED AT TEMPERATURE FROM 5°C TO 35°C



PACKS OF 10 KG



FIBER-REINFORCED VERSION AVAILABLE



MECHANICAL MIXING



HYDROPHOBIC



TO BE APPLIED WITH TROWEL



HAZELNUT COLOR



USE PERSONAL PROTECTIVE EQUIPMENT

* available on request

RESTAUROMIX ECOCALIX JOINT W is a mortar with high breathability that completely avoids the formation of interstitial condensation; it also allows the quick evacuation of pollutant and excess moisture in the air. This permeability allows to use RESTAUROMIX ECOCALIX JOINT W in all works of restoring of rising damp or subject to heavy problem of condensation. The natural water-repellency of RESTAUROMIX ECOCALIX JOINT W allows to use the product directly both indoors and outdoors assuring a high durability.

MECHANICAL PERFORMANCE

RESTAUROMIX ECOCALIX JOINT W presents good mechanical performance that make it the ideal product for loadbearing masonry, and in case of non-invasive structural repairs of old buildings.

- hydrophobic ingrained
- ideal for recovery of joints between stones in historic buildings
- excellent for historical renewal
- good mechanical resistance
- highly breathable
- ideal for grouting of natural stones

AREAS OF APPLICATION

INTERVENTIONS

- Excellent for restoring of stones grouting outdoor, for civil and commercial use.
- Ideal for historical renewal, resistant to temperature changes and frost-proof.

SUBSTRATES

- Natural stones or bricks facades.

DO NOT USE

- as waterproofing or on exclusive NX systems
- on gypsum based plasters, on glazed tiles, resin or cementitious tiles, cementitious waterproofing, flexible substrates, fiber cement, metal surfaces
- on rubber, PVC, wood, linoleum, insulating film, non cementitious waterproofing membranes
- with natural stones subject to movements in the presence of dampness

LAYING

The substrate must be level, clean and cured enough. It must not contain oils, grease, varnishes or waxes. Remove the unsafe material. The surface must be dry.

Mix the bag content in a concrete mixer with water to get a plastic and homogeneous paste.

Apply with trowel on clean support in a single coat.



COMPLY WITH THE STANDARD

EN 998-2 M10

INDICATIVE DATA OF THE PRODUCT

Color/consistency: beige/powder

Solid content %: 100

Bulk density kg/l: approx. 1,5

Hazard classification irritant
according to 1999/45/CE: important to carefully read the instructions contained in this form, on pack and on Safety Data Sheet

Storage: 12 months in dry and ventilated environment

Packaging: 25 kg

Custom code: 3824 50 90

VALUES OF THE FINAL PERFORMANCE

Compression strength (28 days) (EN 1015-11) (N/mm²): > 10

Resistance to initial shear (N/mm²): 0.15

Water vapour permeability (μ) (EN 1745): 15/35

Chloride ions content (EN 1015-17): < 0,1%

Water absorption coefficient
due to capillary action (EN 1015-18): 0,2

Reaction to fire: A1

VALUES AND APPLICATIVE INFORMATION

(AT 23°C AND 50% R. H.)

Water used for mixing: add ≈ 20% of water on a part of RESTAUROMIX ECOCALIX JOINT W

Particle size: < 2 mm

Complementary products: ISOLMIX

Pot life: > 1 hour

Start setting time: > 2 hours

End setting time: > 4 hours

Application temperature: + 5°C /+ 35° C

Proportion of the constituents

Binders: 21-35 %

Aggregates: 60-70 %

Additives 1-4 %

WARNING

The requirements and the guidelines herein are to be considered purely indicative and corresponding to our everyday best experience. We therefore recommend carrying out the tests in order to verify that the product corresponds to what is actually required and expected. We, as producers, do not assume any responsibility about how, when and where our products are applied except for the constant quality of the material.