

### DESCRIPTION

Ready-to-use single component paste mortar for interior and exterior floors and walls. MicroQuarz is an acrylic-polyurethane resin mortar, with a cement-like appearance ideal for renovating floors and interior walls and facades. MicroQuarz is available in different grain sizes, HardBASE, BASE, FINE and HardTRANSIT, it can be used both indoors and outdoors.

### TECHNICAL DATA

	MICROQUARZ NATURE
Aspect	Paste
Maximum diameter of the inert	0.3mm
Adherence force (N/mm <sup>2</sup> )	>1,5
Wear resistance um	40
Compressive strength	80N/mm <sup>2</sup>
Slip resistance	Class 2
Consume	0.8-1kg per layer
Maximum thickness applicable per layer	1mm
Passability after 8 hours	8 hours

### UTILITY

Continuous decorative cladding for interior and exterior pavements and walls, suitable for facades, waterproof and used to complement SATE system. (External technical insulation system) suitable to be finished with polyurethane varnish and epoxy resins.

### APPLICATION

Preparation of the surface: The support must be free of irregularities, be clean, free of dust and incoherent parts. The supports must be free of moisture, whether residual, condensation or cap. If the support has holes or imperfections, it is advisable to apply MicroQuarz Putty to regularize. Cement supports must be completely cured and without any moisture.

To favor surface fixation and facilitate the successive application of MicroQuarz Base on walls or MicroQuarz HardBASE on floors, it is advisable to apply a PrimerQuarz layer by means of a medium-hair roller using the "cool on fresh" technique together with the first MicroQuarz Base / HardBASE layer.

**Preparation and application of the product:** it is advisable to use a mesh of 60-80gr to put on the first layer of MicroQuarz/ HardBASE, this way it contributes to the containment of tensions that comes from the support. Stir the product with a mechanical stirrer before its application.

Once prepared and cut the mesh, apply a layer of PrimerQuarz over the surface were the mesh is going to be and when the product is fresh, adhere the mesh sliding over it, the first coat of MicroQuarz HardBASE.

After 2 hours in a ventilated environment and with a temperature of approximately 20 degrees, or when the first layer has dried, the second coat of MicroQuarz Base can be applied, it is important to remove the excess of application

produced in the previous layer to work in an uniform layer, in this coat the mesh have to be correctly covered. Once the second layer of MicroQuarz BASE is dried, sand with an abrasive 60-80, remove the dust and apply a coat of MicroQuarz FINE.

To obtain a maximum strength finish and light texture, apply two layers of MicroQuarz Hard-TRANSIT after the application of HardBASE. The epoxy or polyurethane finish can be applied when the MicroQuarz Fine or HardTRANSIT layer is completely dry before sanding with abrasive 120.

MicroQuarz gets its maximum resistance after 28 days of the application of the finishing layer with a medium temperature of 20 degrees.

MicroQuarz is suitable for covering radiant heating floors.

## **RECOMMENDATIONS TO KEEP IN MIND DURING THE PROCESS OF APPLICATION**

It is essential to use safety glasses and gloves for protection during the application and the mixing process. If the product gets in touch with the eyes, wash them immediately with plenty of water and go to the emergency doctor.

## **WARNINGS**

- Don't use the product between -5 degrees and +30 degrees.
- Don't leave the containers open for a long time.
- Don't use products that intervene in the process if they are not recommended by Ecoresinas.
- Don't add water or additives to the product.
- Don't speed up the process of drying with heaters during the days after the application until cured.
- Prevent the fall of solid remains in the container in case of successive use of the product.

## **CLEANING**

The supplies are cleaned with water within the first 30 minutes of being used, subsequently mechanicals means must be used.

## **PRESENTATION**

MicroQuarz NATURE is available in containers of 10kg and 20kg.