



RESTONE
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PRODUCT BQ20 PLUS

Polymeric Mineral Reinforcement

BQ20 PLUS is a Restone Circular product for the reinforcement of blocks of marble, granite, limestone...etc., which minimizes possible breaks in the cutting of blocks, facilitating the same and its subsequent transformation into a table, improving its polishing, to which Some characteristics have been improved, such as better workability, hardness and improved polishing performance on any surface.

Restone Circular, S.L. is born with the aim of improving the products that are used today in the marble industry and others, both in the reinforcement of blocks and in already cut slabs, in said objective is a priority the improvement in working conditions, in the people's health (manufacturing products with less harmful or harmless materials for people) and sustainability with the environment (Health, Safety and Environment).

Likewise, in our commitment to the circular economy, BQ20 Plus incorporates into its formulation elements that are produced in marble treatment factories (pressed sludge), which in this way and after being treated, can return to the marble production chain where they came out.

Description

Mixture of different types of natural and artificial binders, limestone aggregate, as well as vinyl celova-type polymers, with high adhesion and deformation, especially for the consolidation of marble blocks prior to cutting. Fast hardening.

Advantages observed compared to other products

1.Safety: BQ 20 Plus does not give off vapors, improves working conditions and reduces the risk of inhalation in workers, since it does not contain any of the elements considered dangerous, such as: Styrene, Toluene, Acetone, Xylene...etc.

2. Not Flammable



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3. Application Conditions: is a polymeric mineral product that can be applied to the wet block, at any time of the year and outdoors. Application Temperature: **5°C to 35°C**, unlike resins that are difficult to catalyze at low temperatures.

4. B20 Plus sharpens diamond blades, since it is not synthetic, the looms do not become dull and the performance is better.

5. Block Preparation: No block preparation is necessary after washing and can be applied to both sawn and drilled faces.

6. Unlike resins, BQ20 Plus **does not affect the settling of water**, since it is based on limestone aggregate and turns into mud.

7. Does not scratch the table during polishing process.

8. In the area of exports, **due to its composition, it does not have an entry veto to certain countries where the regulation of chemical substances is severe.**

9. Presentation: BQ20 Plus **can be tinted before application** according to customer needs.

Average application yields

We treat various kinds of surfaces in a block of marble:

- Surface cut with wire or saw.
- Surface cut with a drill or auger.

The average yields on these surfaces are as follows:

Face cut with Wire or Saw	9-12 kg/m ² of surface to be applied*
Face cut with Drill or Auger	25-35 kg/m ² of Surface to be treated*/**

We observe the difference between the sawn face and the drilled face, and the dispersion in the application on the auger face, since it depends on how the resulting holes are, whether they have greater or lesser depth.

*One layer of product.

**Varies depending on how deep the holes are left.

Product mix and curing time

The water-product ratio is 357 ml of water per kilo of BQ20 PLUS.

IMPORTANT!! The consistency has to be sticky to avoid sagging in the application.

THE MINIMUM CURING TIME FOR CORRECT USE OF THE PRODUCT IS 72 HOURS.