



PRODUCT N°.: 1645

TECMA AGLO-STONE

POLYMERIC BINDER TO AGGLOMERATE HEAVY DUTY DRAINING PAVEMENTS

DESCRIPTION:

Epoxy resin binder of large wetting and impregnation, designed for the development of clusters based on aggregates of different particle sizes used in landscaping and draining pavements for intense pedestrian use and moderate use of cars, golf vehicles, etc.

TECMA AGLO-STONE once it is mixed with the aggregates, compacted and hardened, produces a tough and draining conglomerate that allows the passage of rainwater and irrigation water without ponding.

Thanks to its formulation, it has external resistance to weathering and can be used both with color and white aggregates, presenting very low tendency to yellow in the latter.

The product once it is hardened does not pollute the soil and it does not leach with rain or irrigation water.

SPECIFICATIONS:

Nature: Epoxy resin

Component base: slightly yellow liquid

Component hardener: slightly yellow to amber liquid

Hardened mixture: Colorless to slightly yellow, depending on the thickness

Mixing ratio base / hardener: 3 / 1

Pot life at 23 ° C (200g): 30 minutes

Mixing ratio with aggregates: Depending on the type of aggregate and the grain size

Curing at 22 ° C and 55% RH: 24 hours for pedestrian traffic, traffic of vehicles at least 4 days.

MECHANICAL RESISTANCES:

The mechanical strength data have been obtained with aggregates of 4-8 mm and with a rate of 3.2% of **TECMA AGLO-STONE** on aggregates weight, and after 7 days of curing at 22 ° C and 55% relative humidity.

Flexural strength: 25 kg/cm²

Compressive strength: 73 kg/cm²



PREPARATION:

To develop a suitable agglomerate, dry and as clean as possible aggregates will be used. The surface to be treated will be as smooth as possible. Before applying the agglomerate and depending on the surface to be treated, a layer of gravel of particle size between 5 and 25 mm will be spread, so that it lay flat and homogeneous.

INSTRUCTIONS:

Place the aggregates in a mixer of the kind used for mixing mortars on site. Mix base and hardener components in a clean and dry container, and stir with the help of a low speed mechanical mixer trying not to introduce air into the mixture up to obtaining a homogeneous mixture.

Start the mixer and begin to pour the entire mixture of **TECMA AGLO-STONE** into the mixer. Let blend for 5 minutes to verify that all the aggregates have been wet by the product.

Pour the agglomerate on the surface to be treated and then compact by tamping or other appropriate utensil.

SPECIAL RECOMMENDATIONS:

- Do not apply at temperatures below 10 ° C, or relative humidity above 85%.
- Do not produce more quantity of mixture that the quantity that can be applied before expiring the pot life of the mixture.
- After making the mixture of base and hardener components, immediately pour it over the aggregates.

PACKAGING AND STORAGE:

The product is delivered in metal kits of 5 and 10 Kg. Sealed containers keep the product for 1 year at temperatures below 30 ° C

** The information contained in this sheet, as well as our recommendations, both verbal and written or by tests conducted in our internal laboratories or in external laboratories, are given in good faith based on our experience and test results without that serve as a guarantee. Our recommendations are not exempt from the obligation to learn more about the implementation of the product to be used prior to their use and take pre-tests if there is doubt about the suitability of these for any work or application. The application, use and handling of our products are beyond our control and therefore under the responsibility of the applicator. It will be therefore responsibility of the person who makes use of the product without the observance of the instructions given here .**

Ed.2011 / 1