

PRODUCT DATA SHEET

WINDRAIN ULTRA

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PRODUCT DESCRIPTION

Two-component, synthetic resin, very fast curing, with high mechanical resistance and good workability time, based on polyaspartic binders.

FIELDS OF USE

WINDRAIN ULTRA has been specifically formulated as a binder for aggregates of different colours and sizes, to be used in the construction of permeable and draining pathways, pedestrian and vehicular walkways with a pleasant aesthetic appearance.

The mixture can be applied on concrete pavements, cement-based conglomerates, natural stone, tiled surfaces, and bituminous conglomerates.

WINDRAIN ULTRA, thanks to its specific formulation, after curing allows water drainage and permits the substrate to breathe. For this reason, it can be applied on substrates with slight moisture, but not in the presence of standing water.

WINDRAIN ULTRA is resistant to freeze-thaw cycles and thermal shock and offers excellent durability.

SURFACE PREPARATION

The substrate must be sound, compact, and free from contaminants or release agents.

RECOMMENDATIONS

- Do not add additives.
- Do not use it if the container is damaged.
- Do not add water and/or solvents.

WARNINGS

WINDRAIN ULTRA, works as **THREE-COMPONENT SYSTEM, IT REQUIRES** the correct order of addition of the pre-dosed components and their thorough mixing before application.

Once the components have been mixed, **WINDRAIN ULTRA** must be applied within the indicated working time.

Substrate temperatures below 0°C significantly slow down the curing process; therefore, do not apply the product at temperatures below this level.

Avoid leaving components in direct sunlight or in places where they may overheat (for example vans, trucks, etc.). High temperatures drastically reduce working time.

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PRODUCT PREPARATION

Pour component B into component A and mix, using a low-speed drill, until a homogeneous liquid is obtained.

Pour the mixture into a mixer, gradually adding the aggregates, then continue mixing until a uniform blend is achieved.

APPLICATION

WINDRAIN ULTRA mixed with the aggregates must be laid and spread using a trowel.

TOOLS CLEANING

Clean tools immediately after use with solvent or alcohol while the product is still fresh. Once cured, removal is only possible by mechanical means.

CONSUMPTION

5% in weight respectively for the aggregates. Recommended compacted thickness ≥ 3 cm.

PACKAGING

Component A: 3 kg bucket

Component B: 2 kg bucket

STORAGE

Shelf life: 12 months if stored correctly. Sensitive to frost.

SAFETY REGULATIONS

Refer to the Safety Data Sheet for toxicological and physical data.

Do not disperse the product or empty containers into the environment.

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PRODUCT FOR PROFESSIONAL USE

TECHNICAL DATA

	COMPONENT A	COMPONENT B
Appearance	Liquid	Liquid
Colour	Transparent	Transparent
Density (kg/L)	1,05±0,1	1,17±0,05
Viscosity (mPa*s)	1500±500	1200±300
Solid content	100	100

Mixing ratio	Comp. A + Comp. B + 100 Kg of aggregates
Consistency after mixing	Viscous aggregate
Application temperature	3°C – 25°C
Workability	30' (+10°C) 25' (+20°C) 10' (+30°C)
Curing	1 hours (+25°C) at 3 hours(+0°C)
Full strength	After 7 days

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