



# Full Formula Drain 01

Additivo Bio per Calcestruzzo Drenante



## ENVIRONMENTAL SUSTAINABILITY

- It allows you not to cover the flooring with polyethylene sheets immediately after its execution, both in hot summer and cold winter climates.  
they are grey or coloured;
- Increases the durability and resistance to freezing and thawing cycles of the pavement, thanks to the reduced absorption of water by the cement paste, while maintaining its draining and

## ADVANTAGES

- water permeability;
- Can be used with natural grey or coloured draining concretes;
- Allows for greater workability of the dough;
- Allows a reduced A/C ratio;
- Whitish efflorescence and rising salts are avoided;
- Excellent appearance of the flooring finish;
- Draining pavements can be created even in the summer season with temperatures of 30 °C;
- It allows the creation of draining pavements without surface graining and with a significant reduction in cracking phenomena even in the cold season summer;
- No further additives required.

## PROPERTY AND APPLICATIONS

**Full Formula Drain 01**, thanks to its chemical-physical characteristics, is suitable for the formulation of draining concretes, normally used in rest areas, Sidewalks, parks, pedestrian areas, avenues, slow-moving driveways, and cycle/pedestrian paths. **Full Formula Drain 01** is compatible with most commercially available concrete admixtures; however, it is recommended to test compatibility in a laboratory before mass producing the pervious concrete mix. It is recommended to use only **Full Formula Drain 01** without any other admixtures.

## DESCRIPTION

A special, ready-to-use liquid additive for producing high-performance, high-capacity pervious concrete, it is an organic-inorganic additive specifically designed for the production of pervious concrete to improve workability, open time, and reduce mixing water. Using **Full Formula Drain 01** results in pervious concrete with pseudo-plastic behavior, ensuring easier application and workability.

Being an additive to increase performance, it does not in any way replace the hydraulic cement binder.

## DOSAGE

The exact dosage of **Full Formula Drain 01** in combination with other polymers must be previously determined with specific tests based on the formulations used by the customer.

## PACKAGING AND STORAGE

**Full Formula Drain 01** is available in 10 kg cans.  
The product should be stored in its original packaging in a cool, dry place. We recommend not storing for longer than 12 months.  
months.

## CERTIFICATIONS / REGULATIONS

**Full Formula Drain 01** complies with the EN 934-2 standard. The aggregates used to create draining concrete have a significant impact on both its final performance and the aesthetic appearance of the resulting pavement.  
The mechanical resistances vary with the variation of the granulometric curve chosen by the customer.



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PRODUCT TECHNICAL DATA	Reference values
Chemical description	Organic-inorganic additive
l wait	Whitish liquid
pH (2% sol.)	6 - 8
Brookfield Viscosity (2% sol.)	300 - 1500 MPa*s (20°C - 20 RPM)

## Formulation Tips with Full Formula Drain 01

Components	Recommended dosages
Binder: Cement 42.5	280 – 350 kg/m <sup>3</sup>
Inert	ϕ 4/8 mm
Waterfall	85 – 110 Lt/Mc
Dosage range	The recommended dosage range is between 0.5% and 0.8% by weight of the cement, depending on the desired workability. Higher dosages are possible, but in these cases, it is recommended to consult Full Chemical's Technical Assistance Service beforehand and perform preliminary qualification tests.

