

DAKU PLUS is a controlled release compound studied to complement the mixture of **DAKU ROOF SOIL** substrate and promote the progressive nutrition of vegetation. **DAKU PLUS** is based on Multicotech™ Haifa Chemicals Ltd. technology.

Compound made of fertilizer particles coated with a special biodegradable polymer membrane that allows to adjust the gradual release of nutrients in function of soil temperature, over a period of several months.

In this compound part of the product is at ready-effect, to ensure an adequate and immediate availability of nutrients in the moments immediately following the application. The water present in the soil carries the nutrients to the root without affecting the speed of release by creating a synchrony between cultivation needs and the release of nutrients.

DAKU PLUS is divided into two specific products to be used depending on the type of green system: **DAKU PLUS EXTENSIVE**, specifically indicated to be used for green roofs with low-maintenance and sedum vegetation, and **DAKU PLUS INTENSIVE** specific to the hanging gardens with turf. In case of Extensive solutions, the same compound is also used for maintenance fertilization.

With regard to the Intensive solutions, the different requirements of nutrients during seasonal (mainly lawn) impedes the use of a product with a formulation fixed with these characteristics, therefore, for routine maintenance



**COMPOUND STUDIED TO
COMPLEMENT SUBSTRATE
SLOW RELEASE FERTILIZER**

we recommend to refer to the methods already applied to traditional gardens, whereas the washout on the roofing is higher and therefore both the number of actions than the dosage should be commensurate with the actual needs.



**PLUS-E / PLUS-I
PRODUCTS**

METHOD OF APPLICATION

INSTALLATION: Apply directly on DAKU ROOF SOIL 2 before milling or planting of sedum cuttings in an amount of 60 g/m², or in the case of lawns, directly on DAKU ROOF SOIL 1 before laying the DAKU ROOF SOIL SEED at a rate of 60 g/m².

MAINTENANCE: Distribute on roofing in an amount of 40-50 g/m² at the end of the post-winter period, with vegetation still in vegetative rest.



Growth without fertilizer



Growth with fertilizer

TECHNICAL FEATURES

	PLUS-E	PLUS-I
Nitrogen in total (N)	15%	16%
Nitrogen (N) nitrate	5%	3,90%
Ammonia Nitrogen (N)	10%	12,10%
Phosphorus pertoxide (P2O5) <i>Soluble in neutral ammonium citrate and water</i>	14%	22%
Phosphorus pertoxide (P2O5) <i>Water soluble</i>	12%	19%
Potassium Oxide (K2O) <i>Water soluble</i>	12%	9%
Boron (B) <i>Water soluble</i>	0,02%	0,02%
Copper (Cu) <i>Water soluble</i>	0,04%	0,03%
Iron (Fe)	0,32%	0,24%
Manganese (Mn) Totale	0,05%	0,04%
Molybdenum (Mo) <i>Water soluble</i>	0,007%	0,01%
Zinc (Zn) <i>Water soluble</i>	0,05%	0,04%
With low content of Chloral		
Nutrients release in function of substrate temperature		
15°C	9-10 months	7-10 months
21°C	7-8 months	6-8 months
30°C	4-5 months	4-5 months



Do not ingest. Keep out from children. Store in a dry place.

The technical data given in this data sheet are average values of production and the product description. DAKU ITALIA Srl reserves the right to make any changes at any time, for an improvement of the product: the user is required to verify to have the updated data sheets. DAKU PLUS fertilizer are products with DAKU® brand, which guarantees the characteristics if properly stored in its original packaging. DAKU ITALIA Srl disclaims any responsibility for misuses of the product.



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