

. CULTIVATION SUBSTRATE

Supply and installation of:

DAKU ROOF SOIL 1, which is a prepackaged light substrate constituted by a mixture of mineral material, suitably mixed with organic substances, to be effectively used in the installation of rooftop gardens. Free from weeds, it is mainly composed of volcanic lapillus, pumice stone and compost of organic nature named DAKU KOMPOST. **DAKU ROOF SOIL 1 complies with the UNI 11235:2015 standards** and is free from toxic substances or noxious micro-organisms. It is ideal to be used on rooftop gardens and its chemical/physical characteristics allow the growth of grasses, vines, bushes and plants even with a low substrate thickness.

Caratteristiche tecniche:

- Dry volumetric mass	700-800 Kg/m³	(UNI EN 13041)
- Weight at potential saturation	1.464 kg/ m ³	(UNI EN 13041)
- Saturated weight	1.175 kg/ m³	
- Fuso granulometrico	limiti UNI 11235	(UNI EN 15428:2008)
- Infiltration rate	>20 mm/min	(DIN 18035-4)
- Volume reduction under pressure	< 9%	(DIN 18035-4)
- PH value	7-8	(UNI EN 13037)
- Electric conductivity	14 mS/m	(UNI EN 13038)
- CEC	18,4 m ² /100g	(DM 13/09/1999)
- Organic substances	≤ 80 g/liters s.s.	(UNI EN 13039)
- Total porosity	≥ 70 % v/v	(UNI EN 13041)
- Hydric retention capability at pF 0.7	≥ 45 % v/v	(UNI EN 13041)
- Air volume at pF 1.0	25-35 % v/v	(UNI EN 13041)
- Usable water	> 35 % v/v	(UNI EN 13041)
- Commercial volume	17,2 lt (+/-10%)	(UNI EN 12058)

* **DAKU ROOF SOIL 2** is made of natural materials; the values listed above are gross and do not represent a contract obligation.

The installation is made by hand above the DAKU STABILFILTER components for filtering and filling, **with a thickness of ... cm**. When the lawn is installed through seeding, it is necessary to add the DAKU MIX SEMINA, which is a mixture that facilitates the rooting. The quantity of DAKU MIX SEMINA mixture which is added is pair to the 20% of the total thickness of the system. Before the vegetation can be planted, the DAKU ROOF SOIL 1 must be integrated with the fertilizer DAKU PLUS EXTENSIVE, with a density of 5 g/m³ for each cm of laid component.

The material will be supplied unpackaged

The material will be supplied in 33l bags

The materials will be supplied in "Big Bags" (1 m³)

m³ 0,00



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