

The pre-packaged lightened substrate **DAKU MIX SEMINA IRRIGA** consists of a mixture of sands of volcanic origin.

Free from weeds, it is mainly composed of lava lapillus and pumice stone in different grain sizes, as well as a composted soil improver.

The **DAKU MIX SEMINA IRRIGA** substrate is necessary to complete the Daku green roof systems for the creation of a bedding layer suitable for sowing and rooting of turf

To allow the lawns to take root correctly, the **DAKU MIX SEMINA IRRIGA** must be laid superficially on top of the previously laid **DAKU ROOF SOIL 1** for a thickness of approx. 20% of the total thickness of the substrate.

It can be supplied to the construction site packed in 1 m³ big bags, loose or in bags.



HIGH DIMENSIONAL STABILITY
HIGH WATER RETENTION
LOW WEIGHT
EXCELLENT PERMEABILITY



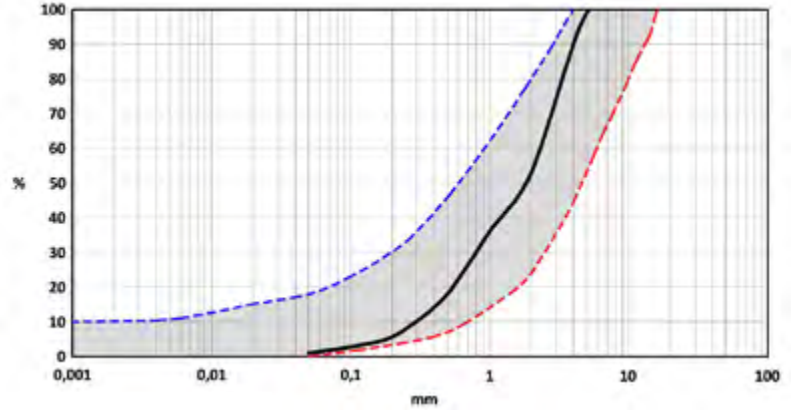
MIX SEMINA IRRIGA

PRODUCTS

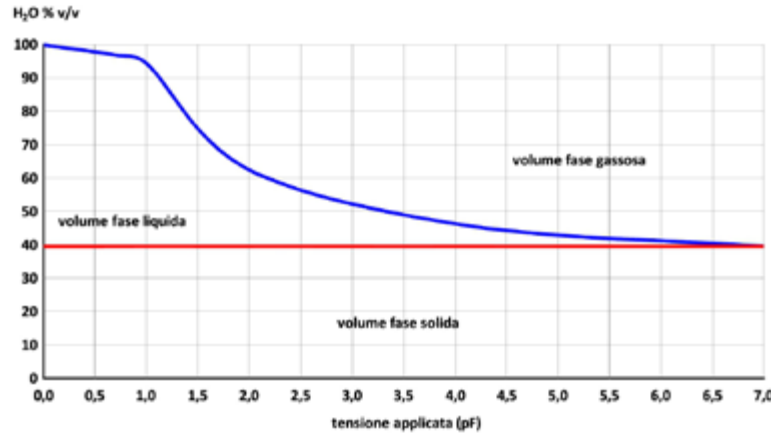
METHOD OF APPLICATION

The substrate DAKU MIX SEMINA IRRIGA must be placed directly on top of the substrates previously laid during the seeding phase of the lawn.

Grading curve



Water retention curve



TECHNICAL DATA

	MIX SEMINA	STANDARD UNI 11235
Water permeability (DIN 18035-4)	> 70 mm/min	≥ 10 mm/min
Reduction volume to the compression (DIN 18035-4)	< 13 %	dichiarazione %
Ph value (UNI EN 13037)	7,5-8,5	4,0-8,5
Electrical conductivity (UNI EN 13038)	8 mS/m	≤ 60 mS/m
Cationic exchange capacity (DM 13/09/1999)	≥ 13 meq/100g	≥ 12 meq/100g
Organic substances (UNI EN 13039)	≤ 40 g/liter s.s.	≤ 80 g/liter s.s.
Apparent density (UNI EN 13041)	900-1000 kg/m ³	350-1000 kg/m ³
Total porosity (UNI EN 13041)	≥ 60 % v/v	≥ 60 % v/v
Potential saturation density (UNI EN 13041)	1.625 Kg/m ³	dichiarazione
Full saturation density	1.568 Kg/m ³	dichiarazione
Water volume at pF 0,7 (UNI EN 13041)	≥ 55 % v/v	dichiarazione
Air volume at pF 1,0 (UNI EN 13041)	≥ 5 % v/v	≥ 15 % v/v
Water available (UNI EN 13041)	≥ 50 % v/v	≥ 10 % v/v



The product is made up exclusively of recyclable components

The technical data given in this data sheet are average values of production and 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.



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