

The **DAKU MIX SEMINA** substrate for sowing are constituted by a mixture of volcanic sand.

Free from weeds, are mainly composed of volcanic lapillus, pumice stone and compost of organic nature named **DAKU KOMPOST**.

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

To allow the correct rooting of the lawns, the **DAKU MIX SEMINA** must be laid on the surface above the **DAKU ROOF SOIL 1** previously laid for a thickness of approx. 20% of the total thickness of the substrate.

DAKU MIX SEMINA substrates for sowing comply with the requirements of **UNI 11235:2015**.

They can be supplied on site in big bags (1m³) or unpackaged for any pumping of the substrate on the roofing.



HIGH DIMENSIONAL STABILITY
HIGH WATER RETENTION
LOW WEIGHT
EXCELLENT PERMEABILITY



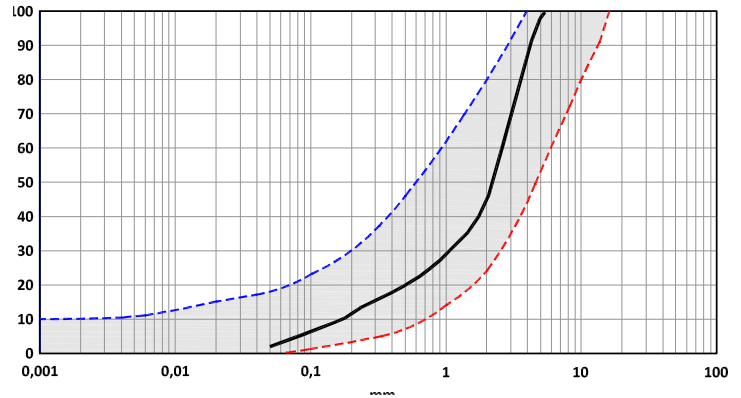
MIX SEMINA

PRODUCTS

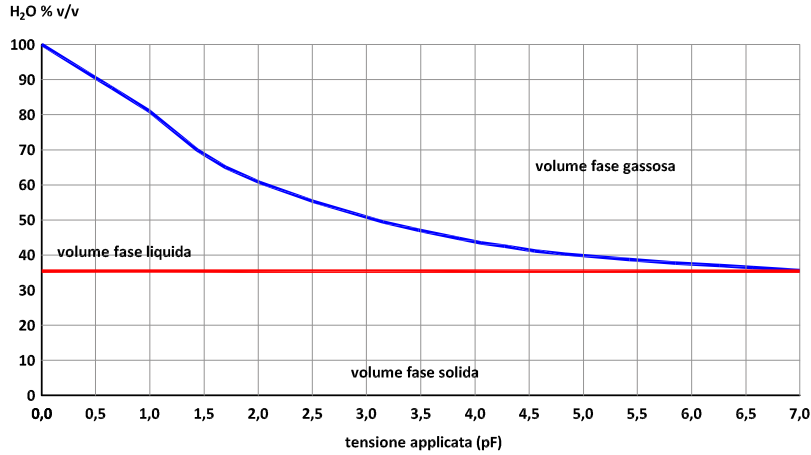
METHOD OF APPLICATION

The DAKU MIX SEMINA bedding substrate should be placed directly on the previously laid substrates during the sowing of the lawn.

Grading curve



Water retention curve



TECHNICAL FEATURES

	MIX SEMINA	STANDARD UNI 11235
Water permeability (DIN 18035-4)	> 30 mm/min	≥ 10 mm/min
Reduction volume to the compression (DIN 18035-4)	< 9 %	declaration
Ph value (UNI EN 13037)	6-7	4,0-8,5
Electrical conductivity (UNI EN 13038)	28 mS/m	≤ 60 mS/m
Cationic exchange capacity (DM 13/09/1999)	19,1 meq/100g	≥ 12 meq/100g
Organic substances (UNI EN 13039)	44 g/liter s.s.	≤ 80 g/liter s.s.
Apparent density (UNI EN 13041)	650-950 kg/m ³	350-1000 kg/m ³
Total porosity (UNI EN 13041)	≥ 62 % v/v	≥ 60 % v/v
Potential saturation density (UNI EN 13041)	1.552 Kg/m ³	declaration
Full saturation density	1.358 Kg/m ³	declaration
Water volume at pF 0,7 (UNI EN 13041)	≥ 50 % v/v	declaration
Air volume at pF 1,0 (UNI EN 13041)	15-25 % v/v	≥ 15 % v/v
Water available (UNI EN 13041)	> 40 % v/v	≥ 10 % v/v
Commercial volume (UNI EN 12058)	17,2 l (+/- 10%)	declaration



The product is made up exclusively of recyclable components

Complies with the requirements of UNI 11235:2015

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.



Daku Italia s.r.l.
PMI INNOVATIVA

Via XIII Martiri, 28
30027 San Donà di Piave (VE)

www.daku.it

daku@daku.it
Tel. +39 0421 51864
P.I./C.F. 02972700278

