

TECHNICAL DATA SHEET

VOLCANIC ROOF SUBSTRATE V 1.1

intensive

Components:	Volcanic aggregate, natural porous aggregates, green waste compost, lignite, washed sand.	
Packaging:	Big bag (ok. 1m ³), loose	
Fire resistance class:	B Roof (t1)	
Technical properties:	Content fraction below 0,063 mm:	3 - 15 % mass
	Content fraction 4 - 16 mm:	< 40 % mass
	Total porosity:	> 50 %
	Maximum moisture capacity:	> 45 %
	Air capacity at maximum water capacity:	10 - 20 %
	Organic content:	<90g/dm ³
	Water permeability mod. Kf:	> 5 - 30 mm/min
	Compaction factor:	≤ 25%
	Weight (dry):	850 - 950 kg/m ³
	Weight (saturated):	≤ 1650 kg/m ³
Chemical properties:	pH value in H ₂ O (1:2):	6,5 - 8,5
	EC value:	1 - 2
	Salt content (g NaCl/l):	<2,5

The above mentioned values are guidelines only, and have a production tolerance.

Official admission by decision nr P-737/18 by The Ministry of Agriculture and Rural Development of Poland.