

TECHNICAL DATA SHEET

VOLCANIC ROOF SUBSTRATE V 1.1

mineral

Components:	Volcanic aggregate, expanded clay, 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:	35-70 % mass
	Total porosity:	> 50 %
	Maximum moisture capacity:	> 30 %
	Air capacity at maximum water capacity:	10 - 20 %
	Organic content:	<10g/dm ³
	Water permeability mod. Kf:	10-50 mm/min
	Compaction factor:	≤ 20%
	Weight (dry):	950 - 1150 kg/m ³
	Weight (saturated):	≤ 1650 kg/m ³
Chemical properties:	pH value in H ₂ O (1:2):	6 - 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.