

TECHNICAL DATA SHEET

VOLCANIC ROOF SUBSTRATE V 1.1

extensive

Components:			
Packaging:	Big bag (~1m ³), loose		
Fire resistance class:	B _{Roof} (t1)	declared	FLL optimum
Technical properties:	Content fraction below 0,063 mm:	3 - 15 % mass	≤ 15 %
	Content fraction 4 - 16 mm:	> 30 > 50 % mass	≤ 50 %
	Total porosity:	> 50 %	-
	Maximum moisture capacity:	> 35 % ≥ 55%	≥ 35% ≥ 65%
	Air capacity at maximum water capacity:	10 - 20 %	≥ 10%
	pF 1,8	25-35 %	≥20 %
	Organic content:	≤ 50g/dm ³	≤ 65g/dm ³
	Water permeability mod. K _f :	8-50 mm/min	0,6-70mm/min
	Compaction factor:	≤ 20%	-
	Weight (dry):	950 - 1050 kg/m ³	-
	Weight (saturated):	≤ 1550 kg/m ³	-
Chemical properties:	pH value in H ₂ O (1:2):	6 - 8,5	6 - 8,5
	EC value:	1 - 2	-
	Salt content (g NaCl/l):	<2,5	<3,5

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.