

## TECHNICAL DATA SHEET

### VOLCANIC ROOF SUBSTRATE V 1.1

#### extensive light

<b>Components:</b>			
<b>Packaging:</b>	Big bag (~1m <sup>3</sup> ), loose		
<b>Fire resistance class:</b>	B <sub>Roof</sub> (t1)	declared	FLL optimum
<b>Technical properties:</b>	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 % ≥ 45%	≥ 35% ≥ 65%
	Air capacity at maximum water capacity:	10 - 20 %	≥ 10%
	pF 1,8	25-35 %	≥20 %
	Organic content:	≤ 50g/dm <sup>3</sup>	≤ 65g/dm <sup>3</sup>
	Water permeability mod. K <sub>f</sub> :	8-50 mm/min	0,6-70mm/min
	Compaction factor:	≤ 20%	-
	Weight (dry):	≤ 750 kg/m <sup>3</sup>	-
	Weight (saturated):	≤ 1000 kg/m <sup>3</sup>	-
<b>Chemical properties:</b>	pH value in H <sub>2</sub> 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.