

## TECHNICAL PARAMETERS:

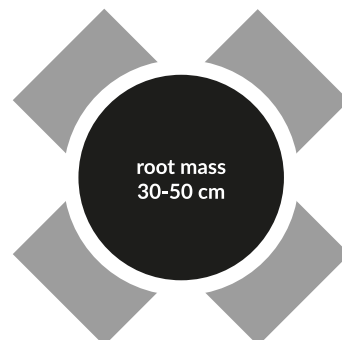
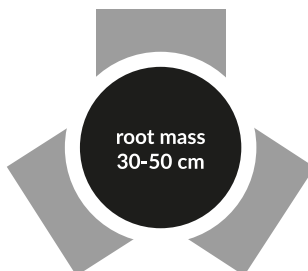
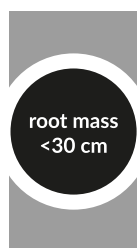
Name of indicator	Unit of measurement	Size of indicator
<b>Superabsorbent polymer</b>		
Composition	-	cross-linked potassium salt of acrylic acid/acrylamide.
Grain size distribution	mm	0,2 - 4,0
Appearance	-	loose white granules
Volumetric density	g/cm <sup>3</sup>	0,6 - 0,8
Solubility	-	it does not dissolve in water, in contact with water solutions it swells in the form of a gel.
pH (1g/H <sub>2</sub> O)	-	7,0 - 8,0
Toxicology/ ecology	-	According to the OECD tests - it is not toxic for the plants, soil organisms and groundwater
<b>Non-woven fabric</b>		
Surface mass	g/m <sup>2</sup>	140 ± 15
Thickness	mm	2,5 ± 10%
<b>Mat (internal structure)</b>		
Surface mass	g/m <sup>2</sup>	630 (±63)
Thickness	mm	20 (±4)

CERTIFICATE nr F.FT.60114.010.2023

Patent - PL 211198, EP 2560472

### Usage of MAT PROFI 20x30x4 / 20x34x4

	<30 cm	30-50 cm	50-80 cm	over 80 cm
Diameter of the root mass	<30 cm	30-50 cm	50-80 cm	over 80 cm
Radius of the root mass	<15 cm	15-25 cm	25-40 cm	over 50 cm
Perimeter of the root mass	<94 cm	94-157 cm	157-251 cm	over 314 cm
<b>Number of pieces:</b>	<b>2-3 pcs.</b>	<b>3-4 pcs.</b>	<b>4-5 pcs.</b>	<b>More than 5 pcs.</b>



\*Hydrobox should be in contact with the root mass on about half of the perimeter.