

Guidelines and conditions regarding the irrigation water for LivePanel system V1.1

The water to be used for the green wall must be of good quality. For plant health and plant vitality as well as the longevity of the irrigation system, the quality of the water needs to meet following criteria:

pH	6,5 – 7,5
EC-value mS/cm	< 0,5
HCO ₃ - bicarbonate	< 1 mmol/l
Cl - chloride	< 0,2 mmol/l
Na - sodium	< 0,2 mmol/l
S - sulfur	< 0,5 mmol/l
Ca - calcium	< 2,0 mmol/l
Mg - magnesium	< 1,0 mmol/l
Zn - zinc	< 2 micromol/l
Mn - manganese	< 3 micromol/l
B - boron	< 10 micromol/l
Cu - copper	< 5 micromol/l
Fe - iron	< 10 micromol/l

Always have your values checked by a specialist when they do not meet the above criteria, because the water may still be acceptable due to the ratios between the elements. Also the water can probably be made suitable for example by filtering or acidification.