



# HRT EXTENSIVE

## Technical Data Sheet

Hermanns HRT Extensive green roof soil media is formulated to meet FLL standard Green Roofing Guideline 2008 edition and Toronto Green Roof Construction Standard 2017/18 (TGRCS). HRT Extensive is produced using locally sourced recycled aggregates, minerals and organic components specifically designed for extensive green roof designs.

HRT Extensive is available in bulk delivery or installed by blower truck.

### TYPICAL ANALYSIS:

Parameter	Reference Value FLL (2008)
Bulk Density (Dry)	800-900 kg/m <sup>3</sup> approx.
Bulk Density (at max. water capacity)	1,100-1,400 kg/m <sup>3</sup> approx.
Maximum water capacity	35 - 65 Vol. %
Total Pore Volume	> 60%
Water permeability	0.001 – 0.12 cm/sec
Air filled porosity	≥ 10 Vol. %
pH value	6.5 - 8.5
Soluble Salts	≤ 3.5 g/L
Organic Content	30 – 65 g/L
Compaction Factor	1.2

### Recommendations:

To ensure optimal plant growth, it is highly recommended that an appropriate slow release fertilizer is used.