

**Bezeichnung** **Hydroton® 4 -8 mm (irregular)**



Material  
Grain Size

Expanded clay  
unround closed

### Geometrical Characteristics

Grain shape	4/8	mm
Coefficient of uniformity	≤ 1,5	M.-%

### Physical Characteristics

Particle density, dry	500 ± 25	kg/m <sup>3</sup>
Bulk density, dry	920 ± 50	kg/m <sup>3</sup>
Water absorption w <sub>60</sub>	10 ± 4	M.-%
Grain strength	≥ 3,0	Mpa
Frost resistance	< 4,0	M.-%

### Chemical Characteristics

Chloride	< 0,05	M.-%
Acid Soluble Sulfate	< 0,2	M.-%
Total Sulfur	< 0,4	M.-%

### Chemical Consumption

SiO <sub>2</sub>	56 ± 5	%
Al <sub>2</sub> O <sub>3</sub>	19 ± 5	%
Fe <sub>2</sub> O <sub>3</sub>	14 ± 5	%
CaO	6 ± 5	%
Trace Elements	2 ± 2	%

### Grading Curve

