

# Product Guide

# LYTAG®

## What is Lytag®?

Lytag® is a sintered lightweight honeycomb aggregate that is resistant to frost and chemicals, and will not break down in water. It is also non combustible and has excellent sound and thermal insulation properties.

Specially graded Lytag® aggregates contain a minimum of "fines", and are offered for use as aggregates in screed render and sports pitch drainage.

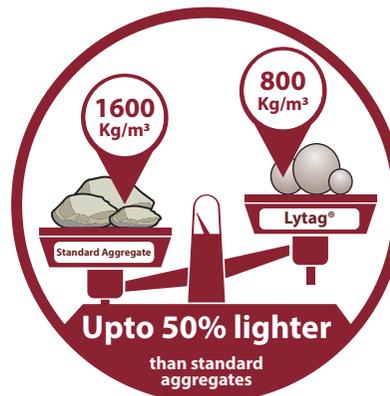


	Product Code	Particle Size (mm)	Approx' Density (Kg / m <sup>3</sup> )
<b>Lytag Geo fill®</b> Lightweight Expanded Aggregate	7830	8 - 14 mm	810 Kg/m <sup>3</sup>
<b>Lytag® 4-8mm</b> Lightweight Expanded Aggregate for Lightweight Floor & Roof Screed	7831	4 - 8 mm	810 Kg/m <sup>3</sup>
<b>Lytag® 4-14mm</b> Lightweight Expanded Aggregate for Lightweight Concrete	7832	4 - 14 mm	810 Kg/m <sup>3</sup>

Order online at

[www.SpecialistAggregates.com](http://www.SpecialistAggregates.com)

## TYPICAL PROPERTIES



### DENSITY

The oven dry loose bulk density of Lytag® lightweight coarse aggregate is typically in the range of 700 to 800kg/m<sup>3</sup>. Normal aggregates have typical loose bulk densities of 1,600kg/m<sup>3</sup>. Therefore, the weight of Lytag® lightweight aggregate is approximately 50% that of normal quarried aggregate.

### FIRE RESISTANCE

Lytag® lightweight aggregate has a Class 1 fire resistance because the aggregate has been produced by a refractory process. In addition, the cellular structure of the aggregate particles relieves any pressures from expanding gases. The result is a material that is highly stable at elevated temperatures.

### SHAPE

Lytag® lightweight aggregate generally has a spherical shape resulting from the pelletising technique used. This leads to minimal settlement after placement.

### FREEZE THAW

The high void ratio, typically 40%, gives Lytag® lightweight aggregate excellent freeze thaw properties.

\* images for illustration purposes only - all values are approximate and may vary due to moisture contents

## APPLICATIONS

