

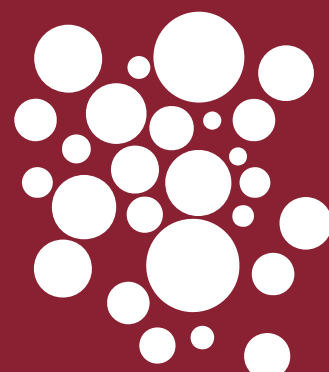


Argex[®]

Lightweight Expanded Aggregate

- Technical Data Sheet -

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PRODUCT NAME: Argex® Lightweight Aggregate

PRODUCT CODE: 7840, 7841, 7842

Argex® Lightweight Aggregate

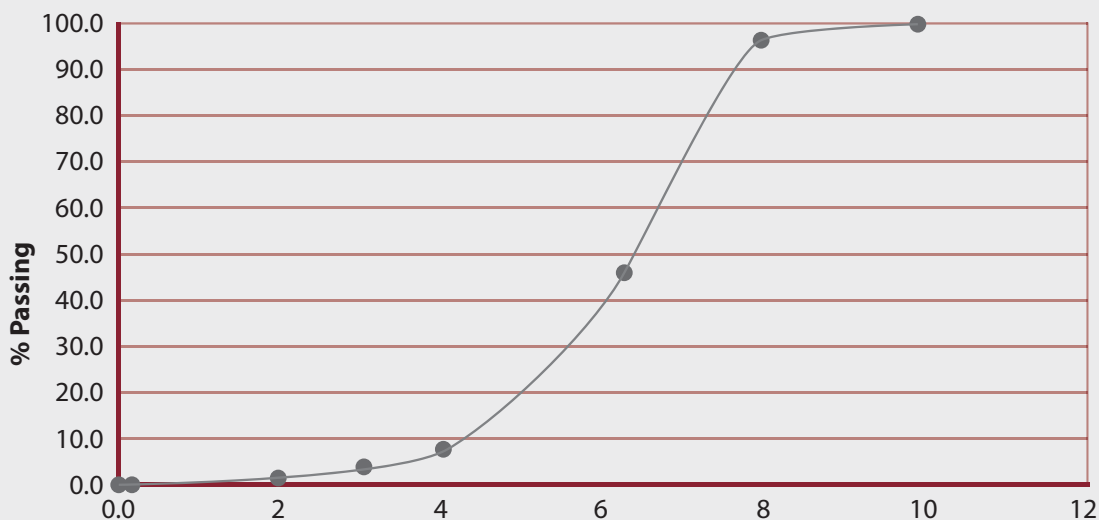
Argex® is a lightweight aggregate with a dry bulk density at point of supply of approximately 760 kg/m³. (ie volume for volume Argex Backfill® is approximately half the weight of "normal" limestone or gravel aggregate).

As supplied 4-8mm Argex Backfill® is likely to contain a natural moisture content of up to 15% by weight. For loose lay applications in contact with timber due consideration should be given to appropriate protection and/or treatment. Subgrade long term maximum moisture content can rise to a maximum of 25%.



Essential Characteristic	Value
Particle Shape	Mix
Apparent Particle Density	1839 kg/m ³
Crushing Resistance (<i>T-2x30"</i>)	12.89 N/mm ²
Loose Bulk Density (<i>+/- 15% of declared value</i>)	760 kg/m ³
Oven-Dried Particle Density (<i>+/- 15% of declared value</i>)	1339 kg/m ³
Saturated and surface dried particle density	1610 kg/m ³
Freezing & Thawing Resistance	1.1 %
Volume Stability	0.09 %
Water Content (<i>from silo</i>)	0.0 4.2 %
Water Absorption (<i>5'</i>)	7.10 %
Water Absorption (<i>1h</i>)	12.94 %
Water Absorption (<i>24h</i>)	20.27 %
Active alkalines content (<i>Na₂O eq.</i>)	0.026 %
Alkali - reactivity (<i>qualification</i>)	No Reactive
Chloride	0.001 %
Cleanliness	Pass
Reaction To Fire	Euroclass A1
Total Sulphur	0.29 %
Acid-Soluble Sulfate	0.157 %

SIEVE ANALYSIS - % PASSING



Sieve Mesh (mm)	Passing (%)
0.000	0.0
0.063	0.1
2.000	0.6
3.150	2.5
4.000	7.4
6.300	46
8.000	97
10.000	100