

# USLPore® Volumetric Modular Building



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## Product description

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USLPore® can be used in the volumetric modular building. Walls, ceilings and floors can be easily poured into a prefabricated light gauge steel or hot-rolled steel frame system. The use of USLPore® is reducing the overall weight of the modular units still guaranteeing sufficient sound absorption.

## Highlights

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- Faster construction, completely prefabricated
- Cost effective building method
- High quality standards
- Sustainability
- Fireproofed construction material



## Specification

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Metric	USLPore®400-1400		
	Standard	entity	value
dry bulk density $\rho_{105\text{ °C}}$	DIN EN 1602 [2]	[kg/m <sup>3</sup> ]	400-1400
thermal conductivity $\lambda_{10, \text{tr}}$	DIN EN 12667 [13]	[W/mK]	0.10 - 0.47
compressive strength $\sigma_{10\%}$	DIN EN 826 [4]	[MPa]	1.3-12.0

Imperial	USLPore®400-1400		
	Standard	entity	value
dry bulk density $\rho_{105\text{ °C}}$	ASTM C 1693	[pcf]	25.0-87.4
thermal conductivity $\lambda_{10, \text{tr}}$	ASTM C 177 ASTM C 518	[R-value per in]	0.31-1.5
compressive strength $\sigma_{10\%}$	ASTM C 1693	[PSI]	187-1764

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