

# LithoPore® LPAC Pre Cast Modular Wall System



[www.blauer-engel.de/uz132](http://www.blauer-engel.de/uz132)

- low emissions
- low pollutant content
- no adverse impact on health in the living environment

## Contact

LithoPore Europe GmbH  
Goerzallee 309  
14167 Berlin  
Germany

Email: [info@lithopore.com](mailto:info@lithopore.com)

## Product description

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**LithoPore® - LPAC Pre Cast Modular Wall System** can be used to cast complete walls under horizontal conditions. Based on the pouring table various dimensions in height and length can be applied. This is a typical application for containerized and standardized building methods. Depending on the size of the wall system diverse reinforcements are essential to ensure transportation, handling at construction side and load bearing effects.

## Highlights

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- Fireproofed (totally inorganic)
- Fully recyclable (ordinary construction waste)
- Completely prefabricate façade element
- Quicker and cheaper construction method



## Specification

Metric	LithoPore800-1400		
	Standard	entity	value
dry bulk density $\rho_{105\text{ }^\circ\text{C}}$	DIN EN 1602 [2]	[kg/m <sup>3</sup> ]	800-1400
thermal conductivity $\lambda_{10, \text{tr}}$	DIN EN 12667 [13]	[W/mK]	0,23-0,47
compressive strength $\sigma_{10\%}$	DIN EN 826 [4]	[MPa]	3.5-12

Imperial	LithoPore800-1400		
	standard	entity	value
dry bulk density $\rho_{105\text{ }^\circ\text{C}}$	ASTM C 1693	[pcf]	49.9-87,4
thermal conductivity $\lambda_{10, \text{tr}}$	ASTM C 177 ASTM C 518	[R-value per in]	0.31-0.63
compressive strength $\sigma_{10\%}$	ASTM C 1693	[PSI]	515-1764





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The information contained in this product specification is based on our current state of knowledge and experience. It does not free the user from making his own tests and trial applications. A legally binding assurance of certain properties cannot be inferred from this information. Any existing patent rights as well as any pertinent legal regulations must be observed by the recipient of our products under his own responsibility.

