

## LithoPore® LPAC Cast at Site Wall using From Work



[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

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## Product description

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**LithoPore® - LPAC Cast at Site Wall using form work** can be applied to cast monolithic walls at site. First the form work has to be installed, than the LPAC will be manufactured and pumped into the form work. Depending on the applied density the form work can be removed after 24-48 hours already. The use of LPAC technology in opposite to other competitor products is leading to an excellent stability and therefore a completely consistent result. There is no variation in density if different parts of the wall are controlled by density. With LithoPore® - LPAC Cast at Site Wall using form work walls up to 3 meters in height can be poured. The density can be varying between 200 kg/m<sup>2</sup> for non-load bearing walls up to 1400 kg/m<sup>3</sup> for load bearing walls. So the applicator can decide whether to have a heavier product with high compressive strength and lower insulation effect or the reverse, an insulating product with sufficient compressive strength.

## Highlights

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- Fireproofed (totally inorganic)
- Fully recyclable (ordinary construction waste)
- Sustainable
- Consistent
- Stable



## Specification

Metric	LithoPore200-1400		
	Standard	entity	value
dry bulk density $\rho_{105\text{ }^{\circ}\text{C}}$	DIN EN 1602 [2]	[kg/m <sup>3</sup> ]	200-1400
thermal conductivity $\lambda_{10, \text{tr}}$	DIN EN 12667 [13]	[W/mK]	0,06 - 0,47
compressive strength $\sigma_{10\%}$	DIN EN 826 [4]	[MPa]	0.25-12

Imperial	LithoPore200-1400		
	standard	entity	value
dry bulk density $\rho_{105\text{ }^{\circ}\text{C}}$	ASTM C 1693	[pcf]	12.5-87.4
thermal conductivity $\lambda_{10, \text{tr}}$	ASTM C 177 ASTM C 518	[R-value per in]	0.3-2.4
compressive strength $\sigma_{10\%}$	ASTM C 1693	[PSI]	37-1764





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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.

