

# LithoPore® LPAC Insulation Layer For Building Basement



[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 Insulation layer for building basement** is a foamed mortar for insulation purposes under the basement of various buildings. It will be directly produced at site and is substituting other expensive layers such as extruded polystyrene (XPS) or expanded polystyrene (EPS), is much faster in application and having excellent insulation properties. At the same time the whole manufacturing process is environmental-friendly and the product is classified as ordinary construction waste.

## Highlights

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- Fireproofed (totally inorganic)
- Fully recyclable (ordinary construction waste)
- Quick application



## Specification

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Metric	LithoPore150-300		
	Standard	entity	value
dry bulk density $\rho_{105\text{ }^{\circ}\text{C}}$	DIN EN 1602 [2]	[kg/m <sup>3</sup> ]	150-300
thermal conductivity $\lambda_{10, \text{tr}}$	DIN EN 12667 [13]	[W/mK]	0,045 - 0,080
compressive strength $\sigma_{10\%}$	DIN EN 826 [4]	[KPa]	250-900

Imperial	LithoPore150-300		
	standard	entity	value
dry bulk density $\rho_{105\text{ }^{\circ}\text{C}}$	ASTM C 1693	[pcf]	9.4-18.7
thermal conductivity $\lambda_{10, \text{tr}}$	ASTM C 177 ASTM C 518	[R-value per in]	1.9-2.9
compressive strength $\sigma_{10\%}$	ASTM C 1693	[PSI]	37-132





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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.

