

LithoPore® LPAC Roof Insulation



www.blauer-engel.de/uz132

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

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Product description

LithoPore® - LPAC Roof Insulation is an aerated insulation materials for flat roofs or roofs with slight slope. It can be easily applied with mobile equipment. LithoPore® - LPAC Roof Insulation has to be applied in combination with a water-proofing layer also in case of humid regions. On the surface normally tiles or other ceramic products can be placed.

Highlights

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



Specification

Metric	LithoPore400-600		
	Standard	entity	value
dry bulk density $\rho_{105} \text{ } ^\circ\text{C}$	DIN EN 1602 [2]	[kg/m ³]	400-600
thermal conductivity $\lambda_{10, \text{tr}}$	DIN EN 12667 [13]	[W/mK]	0,10 - 0,17
compressive strength $\sigma_{10\%}$	DIN EN 826 [4]	[MPa]	1.0-3.0

Imperial	LithoPore400-600		
	standard	entity	value
dry bulk density $\rho_{105} \text{ } ^\circ\text{C}$	ASTM C 1693	[pcf]	25-37.5
thermal conductivity $\lambda_{10, \text{tr}}$	ASTM C 177 ASTM C 518	[R-value per in]	0.9-1.5
compressive strength $\sigma_{10\%}$	ASTM C 1693	[PSI]	147-441



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