

USLPore® Fire Safety Vaults



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Product description

USLPore® is used as an infill for safety vaults specifically due to its fireproofed ability. USLPore® is a completely inorganic construction material and therefore not combustible. Furthermore the light weight is leading to a most suitable product for this application where low weight is always key.

Highlights

- Fireproofed (totally inorganic)
- Low Weight
- Void filling ability
- Economic filling material

Specification

Metric	USLPore®200-400		
	Standard	entity	value
dry bulk density $\rho_{105\text{ °C}}$	DIN EN 1602 [2]	[kg/m ³]	200-400
thermal conductivity $\lambda_{10, \text{tr}}$	DIN EN 12667 [13]	[W/mK]	0.06-0.10
compressive strength $\sigma_{10\%}$	DIN EN 826 [4]	[MPa]	0.35-1.3

Imperial	USLPore®200-400		
	Standard	entity	value
dry bulk density $\rho_{105\text{ °C}}$	ASTM C 1693	[pcf]	12.5-25.0
thermal conductivity $\lambda_{10, \text{tr}}$	ASTM C 177 ASTM C 518	[R-value per in]	1.5-2.4
compressive strength $\sigma_{10\%}$	ASTM C 1693	[PSI]	51-187

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