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USLPore® Formwork

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Product description

USLPore® using form work can be applied to cast monolithic walls at site. First the form work has to be installed, than USLPore® 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 USLPore® 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 USLPore® using form work walls up to 3 meters in height can be poured. The density can be varying between 200 kg/m² for non-load bearing walls up to 1400 kg/m³ for load bearing walls.

Highlights

- Time and costs saving construction method
- Consistency of density for full wall height
- Fireproofed construction material
- Sustainable construction material

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Specification

Metric	USLPore®200-1400		
	Standard	entity	value
dry bulk density $\rho_{105\,°C}$	DIN EN 1602 [2]	[kg/m³]	200-1400
thermal conductivity $\lambda_{10,\,tr}$	DIN EN 12667 [13]	[W/mK]	0.06 - 0.47
compressive strength $\sigma_{10\%}$	DIN EN 826 [4]	[MPa]	0.35-12.0

Imperial	USLPore®200-1400		
	Standard	entity	value
dry bulk density $\rho_{105\,°C}$	ASTM C 1693	[pcf]	12.5-87.4
thermal conductivity $\lambda_{10,\,tr}$	ASTM C 177 ASTM C 518	[R-value per in]	0.3-2.4
compressive strength $\sigma_{10\%}$	ASTM C 1693	[PSI]	51-1764

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