

Team Sea Potential DUO

Material List

Material	Surface Area [m ²]	Density [kg/m ³]
Concrete	4,102	2,450
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Representative Structural Thickness

Material	Low [cm]	Operational [cm]	High [cm]
Concrete	29.64	30.63	31.86
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Manufactured Material Cost

Material	Low [USD/Tonne]	Typical [USD/Tonne]	High [USD/Tonne]
Concrete	\$400	\$510	\$750
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Characteristic Capital Expenditure (CCE)

CCE = Total Surface Area (m²) x Representative Structural Thickness (m) x Density of Material (kgm⁻³) x Cost of Manufactured Material per unit Mass (\$kg⁻¹).

Material	RST [cm]	MMC [USD/Tonne]	CCE/material [\$]	TOTAL CCE [\$]
Steel	30.63	\$510	\$1,569,925	\$1,569,925

Notes/Comments