Components by Type

Component				Parent Element		Component Volume [m3]	
Type	ID	Name	Thickness	Type	Element ID	Gross	Net
Core							
	PR-01	Timber - Structural	0.05	Wall	SW - 005	0.28	0.22
	PR-01	Timber - Structural	0.05	Wall	SW - 006	0.28	0.22
		Total:				0.56 m³	0.44 m³
Finish							
		Container: Marine Plywood	0.03	Slab	SLA - 001	0.41	0.41
		Container: Corten Steel	0.00	Slab	SLA - 001	0.03	0.03
		Container: Corten Steel	0.00	Slab	SLA - 002	0.03	0.03
		Container: Interior Plywood Panel	0.01	Slab	SLA - 002	0.16	0.16
		Container: Corten Steel	0.00	Wall	SW - 001	0.03	0.03
		Container: Interior Plywood Panel	0.01	Wall	SW - 001	0.17	0.17
		Container: Corten Steel	0.00	Wall	SW - 002	0.01	0.01
		Container: Interior Plywood Panel	0.01	Wall	SW - 002	0.07	0.03
		Container: Corten Steel	0.00	Wall	SW - 003	0.03	0.02
		Container: Interior Plywood Panel	0.01	Wall	SW - 003	0.17	0.10
		Container: Corten Steel	0.00	Wall	SW - 004	0.01	0.01
		Container: Interior Plywood Panel	0.01	Wall	SW - 004	0.07	0.07
		Container: Interior Plywood Panel	0.01	Wall	SW - 005	0.14	0.10
		Container: Interior Plywood Panel	0.01	Wall	SW - 006	0.14	0.10
		Total:				1.47 m³	1.27 m³
Other							
	EF-06	Air Space	0.02	Slab	SLA - 001	0.30	0.30
	IN-04	Insulation - Mineral Hard	0.05	Slab	SLA - 001	0.74	0.74
	EM-03	Membrane - Waterproof	0.00	Slab	SLA - 001	0.03	0.03
	EM-03	Membrane - Waterproof	0.00	Slab	SLA - 002	0.03	0.03
	EF-06	Air Space	0.02	Slab	SLA - 002	0.29	0.29
		Container: Insulation (Mineral Wool)	0.08	Slab	SLA - 002	1.05	1.05
	IF-01	Air Space - Frame	0.02	Wall	SW - 001	0.31	0.30
		Container: Insulation (Mineral Wool)	0.05	Wall	SW - 001	0.76	0.75
	IN-08	Membrane - Vapor Barrier	0.00	Wall	SW - 001	0.01	0.01
	IF-01	Air Space - Frame	0.02	Wall	SW - 002	0.12	0.07
		Container: Insulation (Mineral Wool)	0.05	Wall	SW - 002	0.30	0.16
	IN-08	Membrane - Vapor Barrier	0.00	Wall	SW - 002	0.01	0.00
	IF-01	Air Space - Frame	0.02	Wall	SW - 003	0.31	0.19
		Container: Insulation (Mineral Wool)	0.05	Wall	SW - 003	0.75	0.46
	IN-08	Membrane - Vapor Barrier	0.00	Wall	SW - 003	0.01	0.01
	IF-01	Air Space - Frame	0.02	Wall	SW - 004	0.12	0.12
		Container: Insulation (Mineral Wool)	0.05	Wall	SW - 004	0.30	0.30
	IN-08	Membrane - Vapor Barrier	0.00	Wall	SW - 004	0.01	0.01
	IN-03	Insulation - Mineral Soft	0.05	Wall	SW - 005	0.26	0.20
	IN-03	Insulation - Mineral Soft	0.05	Wall	SW - 006	0.26	0.20
		Total:				5.97 m³	5.22 m³
		Grand Total:				8.00 m³	6.93 m³

Revision History

RevID	ChID	Change Name	Date

Modular 20-Foot Container Business Design Collection

Container type: Standard 20-foot shipping container
Project approach: Adaptive re-use/modular conversion

Drawing Name
Components by Type

Drawing Status
Design Development

Drawing Scale
1:1

Layout ID
A.03.2.4

Revision