

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

| Revision History |      |             |      |
|------------------|------|-------------|------|
| RevID            | ChID | Change Name | Date |
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**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 Layers**

Drawing Status  
**Design Development**

Drawing Scale  
**1:1**

Layout ID **A.03.2.3** Revision