

Components by Layer							
Parent Element			Component			Volume [m3]	
Layer	Type	Element ID	ID	Name	Thickness	Gross	Net
<b>Shell - Roof</b>							
Roof	RT - 003	EM-05		Titanium Zinc	0.00	0.08	0.08
Roof	RT - 003	EF-06		Air Space	0.03	2.22	2.22
Roof	RT - 003	IF-05		Plywood	0.02	1.34	1.34
Roof	RT - 003	IN-07		Membrane - Rainproof	0.00	0.14	0.14
Roof	RT - 003	IF-01		Air Space - Frame	0.22	16.32	16.32
Roof	RT - 003	IN-08		Membrane - Vapor Barrier	0.00	0.14	0.14
Roof	RT - 003	EM-01		Timber - Roof	0.02	1.48	1.48
Total:						21.72 m <sup>3</sup>	21.72 m <sup>3</sup>
<b>Structural - Bearing</b>							
Slab	SLA - 001	IC-03		Tile - Floor	0.01	0.29	0.29
Slab	SLA - 001	EF-01		Concrete	0.04	1.28	1.28
Slab	SLA - 001	EM-03		Membrane - Waterproof	0.00	0.06	0.06
Slab	SLA - 001	IN-06		Insulation - Plastic Hard	0.06	1.92	1.92
Slab	SLA - 001	ST-06		Reinforced Concrete - Structural	0.15	4.80	4.80
Slab	SLA - 001	EN-02		Sand	0.03	0.96	0.96
Slab	SLA - 001	EN-03		Gravel	0.06	1.92	1.92
Slab	SLA - 002	IC-02		Timber - Floor	0.02	0.26	0.26
Slab	SLA - 002	IF-05		Plywood	0.02	0.24	0.24
Slab	SLA - 002	IF-01		Air Space - Frame	0.22	2.89	2.89
Slab	SLA - 002	IF-02		Gypsum Plasterboard	0.01	0.16	0.16
Wall	SW - 008	IF-02		Gypsum Plasterboard	0.01	0.08	0.08
Wall	SW - 008	IF-01		Air Space - Frame	0.09	0.28	0.28
Wall	SW - 003	PR-01		Timber - Structural	0.02	0.00	0.00
Wall	SW - 003	EF-06		Air Space	0.03	0.00	0.00
Wall	SW - 003	IF-05		Plywood	0.01	0.00	0.00
Wall	SW - 003	IN-07		Membrane - Rainproof	0.00	0.00	0.00
Wall	SW - 003	IF-01		Air Space - Frame	0.14	1.06	0.61
Wall	SW - 003	IN-08		Membrane - Vapor Barrier	0.00	0.02	0.01
Wall	SW - 003	IF-02		Gypsum Plasterboard	0.01	0.09	0.05
Wall	SW - 004	IC-05		Tile - Wall	0.01	0.02	0.01
Wall	SW - 004	EM-03		Membrane - Waterproof	0.00	0.00	0.00
Wall	SW - 004	IF-02		Gypsum Plasterboard	0.01	0.04	0.02
Wall	SW - 004	IF-01		Air Space - Frame	0.09	0.15	0.07
Wall	SW - 005	IC-05		Tile - Wall	0.01	0.04	0.04
Wall	SW - 005	EM-03		Membrane - Waterproof	0.00	0.01	0.01
Wall	SW - 005	IF-02		Gypsum Plasterboard	0.01	0.12	0.12
Wall	SW - 005	IF-01		Air Space - Frame	0.09	0.41	0.41
Wall	SW - 007	IF-02		Gypsum Plasterboard	0.01	0.08	0.08
Wall	SW - 007	IF-01		Air Space - Frame	0.09	0.28	0.28
Wall	SW - 001	PR-01		Timber - Structural	0.02	0.00	0.00
Wall	SW - 001	EF-06		Air Space	0.03	0.00	0.00
Wall	SW - 001	IF-05		Plywood	0.01	0.00	0.00
Wall	SW - 001	IN-07		Membrane - Rainproof	0.00	0.00	0.00
Wall	SW - 001	IF-01		Air Space - Frame	0.14	0.70	0.12
Wall	SW - 001	IN-08		Membrane - Vapor Barrier	0.00	0.02	0.00
Wall	SW - 001	IF-02		Gypsum Plasterboard	0.01	0.09	0.02
Total:						18.27 m <sup>3</sup>	16.99 m <sup>3</sup>
<b>Structural - Stair &amp; Railing</b>							
Stair	STAIR - 001	PR-01		Timber - Structural	---	0.04	0.04
Total:						0.04 m <sup>3</sup>	0.04 m <sup>3</sup>
Grand Total:						40.03 m <sup>3</sup>	38.75 m <sup>3</sup>

Revision History			
RevID	ChID	Change Name	Date



### A-Frame House

Layout: Ground Floor + Loft  
 Floor Area: 46.3 sq. m  
 Main Material: Timber  
 A-Frame Cladding: Metal

Drawing Name  
**Components by Layers**

Drawing Scale  
**1:1**

Layout ID  
**A.03.2.3** Revision