Approved product certificate

No.: 05842-1

X-module A/S, Test lab. Facility, Lilleringvej 24, DK-8462 Harlev J

Product licenced to: X-Module A/S, Lilleringvej 24, DK-8462 Harlev J

Product manufactored by: X-Module A/S, Lilleringvej 24, DK-8462 Harlev J

Applicant of testing: Mr. Steen Kreiberg
Date of testing: 29.05.2018
Certificate file reference: HSC/SBK/Testlab/3819.0199
Date of issue: 30.05.2025
Valid until: 30.05.2027

Test facility: BUILD X-MODULE TESTED

Signature:

Product description - dimensions:

- Single square truss system: "X10-CROSSWIRE" 03xxx (Reg. trademark) (Pat. ped, EUR design)
- Dimensions: Square truss 100 x 100 mm (outer dimensions)
- Cord members: Ø 12 mm
- Bracing members: Ø 6 mm
- Truss units lengths: 0,10 - 2,0 m

Product description - materials:

- Supportive elements: Aluminium AlMgSi0,5
- Truss elements: 30% fibre reinforced composite.

Product components tested according to:

- DIN 4113; ISO 527-1/-2

Flammability:

- The products qualify for DIN 4102 – B1; ISO 1210/UL94-VO

Additional information:

- Truss units assembled with connecting element (connector) or cubic connecting element (cube) is disregarded by test.
- Single individual units only.

Load Data, structure:

- Allowable normal force on main cord: 250 N
- Allowable normal force on bracing members: 25 N

Load data, Truss units:

Truss length (m)	Undistributed load (Kg)	Distributed load (Kg)
0,5	50	100
1,0	50	100
1,5	25	50
2,0	15	30

- Modules must be connected to verticals in both ends.
- Max. Free span 5,0 m.
- Spans must be supported at both ends.
- Loads are in addition to self weight loads.
- Only use standard connectors for truss.
- Load table only applies to simple beam load case.