

# Approved product certificate

No.: 04999-2

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

Product licenced to: X-Module A/S, Lilleringvej 14, DK-8462 Harlev

Product manufactured 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: 01.06.2022  
Valid until: 31.05.2024

Test facility:



Signature:

## Product description - dimensions:

- Foldable truss system type: "X-20 TRUSSWIRE" 04xxx (Reg. trademark) (Pat. ped, EUR design)
- Dimensions: Square truss 200 x 200 mm (outer dimensions)
- Cord members:  $\varnothing$  20 mm
- Bracing members:  $\varnothing$  10 mm
- Truss units lengths: 0,40 - 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 may be assembled by either flat connecting element (connector) or cubic connecting element (cube)
  - Original connecting elements by X-module, do not introduce weak points.
- Properly connected units may be considered as 1 firm unit.

## Load Data, structure:

- Allowable normal force on main cord: 2,0 kN
- Allowable normal force on bracing members: 0,50 kN

## Load data, Truss units:

Truss length (m)	Undistributed load (Kg)	Distributed load (Kg)
1	300	400
2	200	400
3	100	240
4	60	190
5	45	140
6	25	120

- Max. Free span 7,0 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.