



Test Report

Report No.: 880546-1

Assignor: Kvist Industries A/S
Siggårdsvej 2
DK-6818 Årre

Page 1 of 1
jjj/laha/hbs
Order no.: 880546
No. of appendices: 2

Subject: Model: Cross Chair

Type:	Chair				
Length:	480 mm	Width:	510 mm	Height:	765 mm
Materials:	Seat/back: Oak plywood Base: Oak				

Sampling: The test material was sampled by the client and received at the Danish Technological Institute 09-07-2019.

Method: EN 1022:2005 Domestic furniture - Seating - Determination of stability.
EN 16139:2013 Furniture - Strength, durability and safety - Requirements for non-domestic seating.

Clauses 4.1, 4.2.3, 4.3.3, 5, 6.1.1, 6.1.2, 6.1.3, 6.1.8, 6.1.9, 6.1.12, 6.1.13, 6.1.14, 6.1.15.

L1: General use: E.g. in office buildings, showrooms, public halls, function rooms, cafés, restaurants, canteens, banks, bars.

Period: The testing was carried out from 10-07-2019 to 31-07-2019.

Result: Model Cross Chair fulfils the requirements in EN 1022:2005 Domestic furniture - Seating - Determination of stability. EN 16139:2013 Furniture - Strength, durability and safety - Requirements for non-domestic seating. Loading according to Test severity L1. Individual results appear from Appendix 1.

Storage: The test material will be destroyed after 1 month, unless otherwise agreed.

Terms: Accredited testing was carried out in compliance with international requirements (EN/ISO/IEC 17025:2005) and in compliance with Danish Technological Institute's (DTI) General Terms and Conditions regarding Commissioned Work accepted by Danish Technological Institute. The test results apply to the tested products only. This report may be quoted in extract only if the laboratory has granted its written consent.

Date/place: 31-07-2019, Danish Technological Institute, Wood and Biomaterials, Taastrup

Signature: Test responsible

Co-signatory

Order no.: 880546-1
Appendix: 1
Page: 1 of 1
Initials: jju/laha/hbs

Test of Model: Cross Chair

Loading according to Test severity L1.

Test	Test Method	Cycles	Load	Result
4.1 General	EN 16139, 4.1			Passed
4.2.2 Shear and squeeze points under influence of powered mechanisms	EN 16139, 4.2.2			N/A
4.2.3 Shear and squeeze points during use	EN 16139, 4.2.3			Passed
4.3.2 Swivelling chairs	EN 1022			N/A
4.3.3 Non swivelling chairs	EN 1022			Passed
4.4 Rolling resistance of the unloaded chair	EN 16139, 4.4			N/A
5 Strength and durability requirements	EN 16139, 5			Passed
6.1.1 Seat static load and back static load test	EN 1728:2012, 6.4	10 10	Seat: 1600 N Back: 560 N	Passed
6.1.2 Seat front edge static load	EN 1728:2012, 6.5	10	Seat: 1300 N	Passed
6.1.3 Vertical load on back rests	EN 1728:2012, 6.6	10	Back: 600 N Seat: 1300 N	Passed
6.1.4 Foot rest static load test	EN 1728:2012, 6.8			N/A
6.1.4 Leg rest static load test	EN 1728:2012, 6.9			N/A
6.1.5 Arm rest sideways static load test	EN 1728:2012, 6.10			N/A
6.1.6 Arm rest downwards static load test	EN 1728:2012, 6.11			N/A
6.1.7 Vertical upwards static load on arm rests	EN 1728:2012, 6.13			N/A
6.1.8 Combined seat and back durability test	EN 1728:2012, 6.17	100000 100000	Seat: 1000 N Back: 300 N	Passed
6.1.9 Seat front edge durability test	EN 1728:2012, 6.18	50000	800 N	Passed
6.1.10 Arm rest durability test	EN 1728:2012, 6.20			N/A
6.1.11 Foot rest durability test	EN 1728:2012, 6.21			N/A
6.1.12 Leg forward static load test	EN 1728:2012, 6.15	10	Edge: 500 N) (Seat: 1000 N)	Passed
6.1.13 Legs sideways static load test	EN 1728:2012, 6.16	10	Edge: 400 N) (Seat: 1000 N)	Passed
6.1.14 Seat impact test	EN 1728:2012, 6.24	10	240 mm	Passed
6.1.15 Back impact test	EN 1728:2012, 6.25	10	210 mm / 38°	Passed
6.1.16 Arm Impact Test	EN 1728:2012, 6.26			N/A
6.1.17 Drop test (multiple seating)	EN 1728:2012, 6.27.1			N/A
6.1.18 Auxiliary writing surface static load test	EN 1728:2012, 6.14			N/A
6.1.19 Auxiliary writing surface durability test	EN 1728:2012, 6.22			N/A
7 Information for use	EN 16139, 7			N/A

Order no.: 880546-1
Appendix: 2
Page: 1 of 1
Initials: jju/laha/hbs

Test of Model: Cross Chair

Photo





EU Ecolabel Certificate

**Ecolabelling Denmark
has awarded the EU Ecolabel licence number**

DK/049/002

to:

Kvist Industries A/S

**For
Furniture**

T01 Cross Chair

See product specification in standard contract.

This contract is valid until the 28th of July 2022.

Denmark, 24 of June 2020
Ecolabelling Denmark


Martin Fabiansen
Director



Miljømærkning
Danmark



environment



NEPCon OÜ hereby confirms that the Chain of Custody system of

Kvist Industries A/S

Siggardsvej 2
Årre, 6818
Denmark

has been assessed and certified as meeting the requirements of
FSC-STD-40-003 V2-1; FSC-STD-40-004 V3-0; FSC-STD-50-001 V2-0

The certificate is valid from 07-09-2017 to 06-09-2022

Certificate version date: 12-11-2019

Scope of certificate

Certificate type: Multisite Chain of Custody

Certificate registration code

NC-COC-013022

FSC License Code

FSC-C112576

A handwritten signature in black ink, appearing to read 'L. Kohler', is positioned above a horizontal line.

Laura Terrall Kohler
Director, NEPCon Assurance
Filosoofi 31, Tartu
Estonia

Specific information regarding products and sites is listed in the appendix(es) of this certificate. The validity and exact scope covered by this certificate shall always be verified at www.info.fsc.org.

FSC™ A000535 | The mark of responsible forestry | www.ic.fsc.org

This certificate itself does not constitute evidence that particular product supplied by the certificate holder is FSC™ certified [or FSC Controlled Wood]. Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on invoices and shipping documents. The physical printed certificate remains the property of NEPCon OÜ and shall be returned upon request.

**Annex A: Scope of Kvist Industries A/S FSC™ Chain of Custody Certificate
NC-COC-013022**

(The list below shows products handled by the network of Participating Sites)

Product Type	Trade Name	Output FSC Claims
W12.12	Parts of furniture	FSC 100%; FSC Mix x%
W12.3	Tables	FSC Mix x%
W12.6	Chairs and stools	FSC 100%; FSC Mix x%
W18.1	Dowels and turnery parts of wood	FSC 100%
W5.2	Solid wood boards	FSC 100%

**Annex B: Scope of Kvist Industries A/S FSC™ Chain of Custody Certificate
NC-COC-013022**

No	Site Name	Address	Sub-code
1	Kvist Industries A/S - Birkegade	Birkegade 11 Åre 6816 Denmark	NC-COC-013022-A
2	Kvist Industries A/S	Siggardsvej 2 Åre 6818 Denmark	NC-COC-013022-AA
3	SIA Kvist	Upmalas Mālpils Mālpils nov. LV-2152 Latvia	NC-COC-013022-B

This certificate itself does not constitute evidence that particular product supplied by the certificate holder is FSC™ certified [or FSC Controlled Wood]. Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on invoices and shipping documents. The physical printed certificate remains the property of NEPCon OÜ and shall be returned upon request.