



# **EU Ecolabel Certificate**

**Ecolabelling Denmark**  
has awarded the EU Ecolabel licence number  
DK/049/002 to:

Kvist Industries A/S  
for the product group:

**EU49 Furniture**

*Criteria valid until 31-12-2026*

for the following product distributed by  
TAKT

**TAKT T22 Turn Chair**

Denmark, 15 August 2023  
Ecolabelling Denmark

Director Martin Fabiansen

See product specification  
in standard contract





Preferred by Nature 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 V3-1; FSC-STD-50-001 V2-1 EN**

The certificate is valid from 07 September 2022 to 06 September 2027  
Certificate version date: 30 August 2022

### Scope of certificate

Certificate type: Multisite Chain of Custody

### Certificate registration code

NC-COC-013022

### FSC License Code

FSC-C112576



Justinas Janulaitis  
Management board member  
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](http://www.info.fsc.org).

FSC™ accredited certification body (FSC™ A000535) | The mark of responsible forestry | [www.ic.fsc.org](http://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 Preferred by Nature 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% |
| W12.12       | Parts of furniture               | FSC Mix Credit       |
| W12.3        | Tables                           | FSC Mix x%           |
| W12.3        | Tables                           | FSC 100%             |
| W12.4        | Beds                             | FSC Mix x%           |
| W12.6        | Chairs and stools                | FSC 100%; FSC Mix x% |
| W15.2        | Toys and Games made with Wood    | FSC Mix              |
| W16          | Household articles               | FSC Mix x%           |
| W18.1        | Dowels and turnery parts of wood | FSC 100%             |
| W5.2         | Solid wood boards                | FSC 100%             |
| W7.1         | Peeled veneer                    | FSC 100%; FSC Mix x% |
| W7.2         | Sliced veneer                    | FSC 100%             |

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## 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<br>Årre<br>6816<br>Denmark                 | NC-COC-013022-A  |
| 2  | Kvist Industries A/S             | Siggardsvej 2<br>Årre<br>6818<br>Denmark                | NC-COC-013022-AA |
| 3  | SIA Kvist                        | Upmalas<br>Mālpils<br>Mālpils nov.<br>LV-2152<br>Latvia | NC-COC-013022-B  |
| 4  | SIA kvist - Liepaja              | 10 Vecā ostmala<br>Liepaja<br>LV-3401<br>Latvia         | NC-COC-013022-C  |

# Test Report

Report Number:  
159726-2



**DANISH  
TECHNOLOGICAL  
INSTITUTE**

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DK-2630 Taastrup  
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Page 1 of 4  
Init.: JHA/JNAS  
Order no.: 159726  
Encl.: 2

**Assignor:** KVIST INDUSTRIES A/S, Siggårdsvej 2, DK-6818 Årre

**Item :** T22 Turn Chair

**Sampling:** The assignor confirms having selected the product. The product was forwarded by the assignor and received at Danish Technological Institute on 21 November 2022.

**Period:** The test took place from 30 November 2022 to 14 March 2023.

**Method:** EN 16139:2013, Furniture - Strength, durability and safety - Requirements for non domestic seating  
EN 16139 Test severity L1: General use: E.g. in office buildings, showrooms, public halls, function rooms, cafés, restaurants, canteens, banks, bars.  
Additional information is given in enclosure B.

**Test results:** **Passed.**  
The results are shown in enclosure A.

**Terms:** This test was conducted accredited in accordance with international requirements (ISO/IEC 17025:2017) and in accordance with the General Terms and Conditions of Danish Technological Institute. The test results solely apply to the tested item. This test report may be quoted in extract only if Danish Technological Institute has granted its written consent.

**Place:** Danish Technological Institute, Taastrup, Building and Construction

**Signature:** This document is only valid with a digital signature from Danish Technological Institute.  
Date of issue 14 March 2023.  
Jan Hansen  
Technical consultant



DIGITALLY SIGNED DOCUMENT

17 March 2023

DANISH TECHNOLOGICAL INSTITUTE



**DANAK**

TEST Reg.no. 2



## Test of Model: T22 Turn Chair

### *Loading according to test severity L1.*

| Test no. | 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 1335         |                  |                               | 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        | Safety, strength and durability requirements                   | EN 16139, 5     |                  |                               | Passed |
| 6.1.1    | Seat static load and back static load test                     | EN 1728, 6.4    | 10<br>10         | Seat: 1600 N<br>Back: 560 N   | Passed |
| 6.1.2    | Seat front edge static load                                    | EN 1728, 6.5    | 10               | Seat: 1300 N                  | Passed |
| 6.1.3    | Vertical load on back rests                                    | EN 1728, 6.6    | 10               | Seat: 1300 N<br>Back: 600 N   | Passed |
| 6.1.4    | Foot rest static load test                                     | EN 1728, 6.8    | 10               |                               | N/A    |
| 6.1.4    | Leg rest static load test                                      | EN 1728, 6.9    | 10               |                               | N/A    |
| 6.1.5    | Arm rest sideways static load test                             | EN 1728, 6.10   | 10               |                               | N/A    |
| 6.1.6    | Arm rest downwards static load test                            | EN 1728, 6.11   | 5                |                               | N/A    |
| 6.1.7    | Vertical upwards static load on arm rests                      | EN 1728, 6.13   | 10               |                               | N/A    |
| 6.1.8    | Combined seat and back durability test                         | EN 1728, 6.17   | 100000<br>100000 | Seat: 1000 N<br>Back: 300 N   | Passed |
| 6.1.9    | Seat front edge durability test                                | EN 1728, 6.18   | 50000            | 800 N                         | Passed |
| 6.1.10   | Arm rest durability test                                       | EN 1728, 6.20   | 30000            |                               | N/A    |
| 6.1.11   | Foot rest durability test                                      | EN 1728, 6.21   | 50000            |                               | N/A    |
| 6.1.12   | Leg forward static load test                                   | EN 1728, 6.15   | 10               | Edge: 500 N<br>(Seat: 1000 N) | Passed |
| 6.1.13   | Legs sideways static load test                                 | EN 1728, 6.16   | 10               | Edge: 330 N<br>(Seat: 1000 N) | Passed |
| Comment  | The loading was reduced from 400N to 330N to avoid tilting.    |                 |                  |                               |        |
| 6.1.14   | Seat impact test   | EN 1728, 6.24   | 10               | 240 mm                        | Passed |
| 6.1.15   | Back impact test   | EN 1728, 6.25   | 10               | 210 mm / 38 °                 | Passed |
| 6.1.16   | Arm Impact Test  | EN 1728, 6.26   | 10               |                               | N/A    |
| 6.1.17   | Drop test (multiple seating)                                   | EN 1728, 6.27.1 | 2 x 5            |                               | N/A    |
| 6.1.18   | Auxiliary writing surface static load test                     | EN 1728, 6.14   |                  |                               | N/A    |
| 6.1.19   | Auxiliary writing surface durability test                      | EN 1728, 6.22   | 10000            |                               | N/A    |
| 7        | Information for use  | EN 16139, 7     |                  |                               | N/A    |



## Information required by EN 16139:2013

### European Standards used:

- EN 16139:2013 - Furniture - Strength, durability and safety - Requirements for non-domestic seating
- EN 1728/AC:2012 - Domestic furniture - Seating - Test methods - Determination of strength and durability
- EN 1022:2005 - Domestic furniture - Seating - Determination of stability
- EN 1335:2009 - Office furniture - Office work chair - Part 3: Test methods

### Details of tested seating:

|                   |                |               |        |                |        |                |         |
|-------------------|----------------|---------------|--------|----------------|--------|----------------|---------|
| <b>Model:</b>     | T22 Turn Chair |               |        | <b>Type:</b>   | Chair  |                |         |
| <b>Length:</b>    | 420 mm         | <b>Depth:</b> | 515 mm | <b>Height:</b> | 755 mm | <b>Weight:</b> | 3.74 kg |
| <b>Materials:</b> | Beech          |               |        |                |        |                |         |

### Details of defects observed before testing:

None.

### Details of any deviations from this standard:

None.

### Any variation from the specified temperature range:

None.

### Test result:

See appendix A.

### Name and address of the test facility:

Danish Technological Institute, Gregersensvej, Taastrup 2630, Denmark

### Date of test:

2022-11-30 to 2023-03-14

### Storage:

The test material will be destroyed 1 month after the test is completed, unless otherwise agreed in writing.



Photo of the received sample:

