

# Test Report

Report Number:  
919015-5-ST



**DANISH  
TECHNOLOGICAL  
INSTITUTE**

Gregersensvej 1  
DK-2630 Taastrup  
+45 72 20 20 00  
info@teknologisk.dk  
www.teknologisk.dk

Page 1 of 3  
Init.: JNAS/JHA  
Order no.: 919015  
Encl.: 2

**Assignor:** Four Design A/S, Faaborgvej 14, DK-5854 Gislev

**Item:** **FourReal®A XL 74 + 90** Also covers FourReal®A XL 74 240 x 100 cm, FourReal®A XL 74 200 x 100 cm, FourReal®A XL 74 180 x 100 cm, FourReal®A XL 90 200 x 100 cm, FourReal®A XL 90 180 x 100 cm

**Sampling:** The assignor confirms having selected the product. The product was forwarded by the assignor and received at Danish Technological Institute on 18 August 2021.

**Period:** The test took place from 24 August 2021 to 31 August 2021.

**Method:** EN 15372:2016, Furniture - Strength, durability and safety - Requirements for non-domestic tables  
  
Test severity L2: General use: E.g. in general hotel, cafés, restaurants, public halls, banks, bars, meeting rooms.  
  
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. The date of issue appears from the digital signature.  
  
Jacob Næsby  
Consultant



DIGITALLY SIGNED DOCUMENT

2 September 2021

DANISH TECHNOLOGICAL INSTITUTE



**DANAK**

TEST Reg.no. 2



## Results

| Test No. | Test  | Test Method              | Loading                                       |                    |  | Result |
|----------|---|--------------------------|---|--------------------|--|--------|
| 5.1      | General requirements  |                          |   |                    |  | Passed |
| 5.2.1    | Shear and squeeze points when setting up and folding                              |                          |   |                    |  | N/A    |
| 5.2.2    | Shear and squeeze points under influence of powered mechanisms                    |                          |   |                    |  | N/A    |
| 5.2.3    | Shear and squeeze points during use   |                          |   |                    |  | Passed |
| 5.4.1-1  | Horizontal static load test   | EN 1730, 6.2             | Test force, N<br>Specified mass, kg<br>Cycles | 400<br>50<br>10    |  | Passed |
| 5.4.1-2  | Vertical static load on main surface  | EN 1730, 6.3.1           | Test force, N<br>Cycles                       | 1250<br>10         |  | Passed |
| 5.4.1-3  | Additional vertical static load test where the main surface has a length >1600 mm | EN 1730, 6.3.2           | Test force, N<br>Cycles                       | 1000<br>10         |  | Passed |
| 5.4.1-4  | Vertical static load on ancillary surface   | EN 1730, 6.3.3           | Test force, N<br>Cycles                       | 300<br>10          |  | N/A    |
| 5.4.1-5  | Horizontal durability test  | EN 1730, 6.4.1 and 6.4.2 | Test force, N<br>Specified mass, kg<br>Cycles | 300<br>50<br>15000 |  | Passed |
| 5.4.1-6  | Vertical durability test for cantilever and tables with central column only       | EN 1730, 6.5             | Test force, N<br>Cycles                       | 300<br>15000       |  | N/A    |
| 5.4.1-7  | Vertical impact test for glass tabletops  | EN 1730, 6.6.1 and 6.6.2 | Drop height, mm<br>Cycles                     | 240<br>10          |  | N/A    |
| 5.4.1-8  | Vertical impact test for all other tabletops                                      | EN 1730, 6.6.1 and 6.6.3 | Drop height, mm<br>Cycles                     | 180<br>10          |  | Passed |
| 5.4.1-9  | Drop test – This test is applicable for tables weighing more than 20 kg only      | EN 1730, 6.9             | Drop height, mm<br>Cycles                     | 50<br>6            |  | Passed |
| 5.4.1-10 | Stability under vertical load test  | EN 1730, 7.2             | Main surface<br>Ancillary surface             | 200<br>100         |  | Passed |
| 5.4.1-11 | Stability for tables with extension elements                                      | EN 1730, 7.3             | Test force, N                                 | 200                |  | N/A    |
| 6        | Information for use   |                          |   |                    |  | N/A    |
| A.3.2    | Durability of table with castors  | EN 1730, 6.8             | Specified load, N<br>Cycles                   | 20<br>2000         |  | N/A    |

## Information provided by the Danish Technological Institute

Photograph of the received sample



## Information required by EN 15372:2013

European Standards used:

EN 15372:2016 - Furniture – Strength, durability and safety – Requirements for non-domestic tables

EN 1730:2012 - Furniture - Tables - Test methods for the determination of stability, Strength and durability

Details of tested table:

|            |                       |         |         |         |         |         |          |
|------------|-----------------------|---------|---------|---------|---------|---------|----------|
| Model:     | FourReal®A XL 74 + 90 |         |         | Type:   | Table   |         |          |
| Width:     | 1000 mm               | Length: | 2475 mm | Height: | 1722 mm | Weight: | 75.88 kg |
| Materials: | Metal - particleboard |         |         |         |         |         |          |

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 enclosure A.

Name and address of the test facility:

Danish Technological Institute, Gregersensvej, Taastrup 2630, Denmark

Date of test:

2021-08-24 to 2021-08-31