

DECLARATION OF PERFORMANCE

No. 581 DoP

1. Unique identification code of the product-type: **Ada Tunnel Top connection / Ada Tunnel High connection**

2. Type, batch or serial number or any other element allowing identification of the construction product:

Ada Tunnel Top connection / Ada Tunnel High connection

3. Intended use or uses of the construction product: **Capacitive fireplace**

4. Manufacturer: **Linnatuli Oy, Yrjönalhontie 13, FI-21420 Lieto**
E-mail: linnatuli@linnatuli.com

6. System or systems of assessment and verification of constancy of performance of the construction product:
AVCP 3

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

Notified factory **SGS Nederland BV** production control certification body **No. 0608** carried out testing of the product by the standard EN 15250 (**test report EZKA/2017-01/00026-1**).

9. Declared performance

| Essential characteristics | Performance | Harmonized technical specification |
|---|---|------------------------------------|
| Fire safety | Pass | EN 15250:2007 |
| Minimum distance to combustible materials | Side wall: 50 mm Back wall: 1000 mm Ceiling: 100 mm Front: 1000 mm | |
| Mean concentrations at 13% O ₂ | CO: 0.07 vol% | |
| | NO _x : 112 mg/m ₀ ³ | |
| | C _x H _y : 59 mg/m ₀ ³ | |
| | Dust: 38 mg/m ₀ ³ | |
| Release of dangerous substances | Pass | |
| Flue gas temperature | 172 °C | |
| Total efficiency | 81.4 % | |
| Total heat output | 160 MJ (44 kWh) | |
| Heat storage capacity | 100 %: 5.4 h 50 %: 12 h 25 %: 20 h | |
| Surface temperature | Pass | |
| Test fuel | Wood logs | |
| Maximum amount of fuel | 12 kg (6 kg + 3 kg + 3 kg) | |

Capacitive fireplaces flue at least T600. Maximum flue gas temperature in temperature safety test 254 °C.

10. Signed for and on behalf of the manufacturer by:

Lieto 10/08/2017



Ville Seppälä
Product Development Manager