

# CERTIFICATE FI/41840

Our Ref. HEL-CERT230100083-05



**Product** Range of enclosures  
**Type** SOLID  
**Trademark** FIBOX  
**Certificate Holder** Fibox Oy Ab  
HTC CenterKeilaranta 19, FI-02150, Espoo, Finland

**Technical information**  
Degree of protection (EN 60529) IP66/IP67  
Mechanical strength (EN 62262) IK08 +35/-25°C ABS  
IK08...IK09 +35/-25°C PC  
Static loads  
Mounting plate 1 kg/dm<sup>2</sup>  
Mounting rail 10 kg/rail, max 30 kg/box  
Cover/hinges 10 kg

**Other information**  
Material: ABS or Polycarbonate (PC)  
Empty enclosure  
The serie includes the following types, see pages 2 – 3 of this Certificate.

**The product is certified according to the following standard(s)**  
EN 62208:2011

**Validity**  
This certificate is valid until 2028-11-27 provided that the Conditions for FI certification are met. This certificate includes the right to use the FI mark under the condition that changes (if any) will be checked at SGS Fimko before the product is brought onto market and that the conditions for FI certification are met.

**Date of issue** 2023-11-27

**SGS Fimko Ltd**

**Signature**



Seppo Lautamies  
Project Manager



**Manufacturer** Fibox Oy Ab  
 HTC CenterKeilaranta 19  
 FI-02150, Espoo, Finland

**Manufacturing sites**

1. FiboxPAM Oy  
 Rajasilta 6  
 FI-33880, Lempäälä, Finland
2. Fibox GmbH  
 Rehwinkel 30  
 32457, Porta Westfalica, Germany

**Directive information** The certified product(s) fulfils requirements of mentioned standard(s) which are harmonised under the Low Voltage Directive (2014/35/EU) at the date of issue of the certificate.

**Additional information** This certificate replaces previous certificate FI/41597/A1, dated 2023-06-21, due to new testing.

SOLID ABS serie includes the following types

Type	Size (mm)	IP-code	IK-code
ABS 1919 13 G/T	190x190x130	IP66/IP67	IK08 +35/-25°C
ABS 1919 18 G/T	190x190x180	IP66/IP67	IK08 +35/-25°C
ABS 2819 13 G/T	280x190x130	IP66/IP67	IK08 +35/-25°C
ABS 2819 18 G/T	280x190x180	IP66/IP67	IK08 +35/-25°C
ABS 3819 13 G/T	380x190x130	IP66/IP67	IK08 +35/-25°C
ABS 3819 18 G/T	380x190x180	IP66/IP67	IK08 +35/-25°C
ABS 2828 13 G/T	280x280x130	IP66/IP67	IK08 +35/-25°C
ABS 2828 18 G/T	280x280x180	IP66/IP67	IK08 +35/-25°C
ABS 3828 13 G/T	380x280x130	IP66/IP67	IK08 +35/-25°C
ABS 3828 18 G/T	380x280x180	IP66/IP67	IK08 +35/-25°C
ABS 5628 13 G/T	560x280x130	IP66/IP67	IK08 +35/-25°C
ABS 5638 18 G/T	560x380x180	IP66/IP67	IK08 +35/-25°C
ABS 1919 13 G/T-2FSH	190x190x130	IP66/IP67	IK08 +35/-25°C
ABS 1919 18 G/T-2FSH	190x190x180	IP66/IP67	IK08 +35/-25°C
ABS 2819 13 G/T-2FSH	280x190x130	IP66/IP67	IK08 +35/-25°C
ABS 2819 18 G/T-2FSH	280x190x180	IP66/IP67	IK08 +35/-25°C
ABS 3819 13 G/T-2FSH	380x190x130	IP66/IP67	IK08 +35/-25°C
ABS 3819 18 G/T-2FSH	380x190x180	IP66/IP67	IK08 +35/-25°C
ABS 2828 13 G/T-2FSH	280x280x130	IP66/IP67	IK08 +35/-25°C
ABS 2828 18 G/T-2FSH	280x280x180	IP66/IP67	IK08 +35/-25°C
ABS 3828 13 G/T-2FSH	380x280x130	IP66/IP67	IK08 +35/-25°C
ABS 3828 18 G/T-2FSH	380x280x180	IP66/IP67	IK08 +35/-25°C
ABS 5628 13 G/T-3FSH	560x280x130	IP66/IP67	IK08 +35/-25°C
ABS 5638 18 G/T-3FSH	560x380x180	IP66/IP67	IK08 +35/-25°C

**Additional information**

SOLID PC series includes the following types

Type	Size (mm)	IP-code	IK-code
PC 1919 13 G/T	190x190x130	IP66/IP67	IK08/IK09 +35/-25°C
PC 1919 18 G/T	190x190x180	IP66/IP67	IK08/IK09 +35/-25°C
PC 2819 13 G/T	280x190x130	IP66/IP67	IK08/IK09 +35/-25°C
PC 2819 18 G/	280x190x180	IP66/IP67	IK08/IK09 +35/-25°C
PC 3819 13 G/T	380x190x130	IP66/IP67	IK08/IK09 +35/-25°C
PC 3819 18 G/T	380x190x180	IP66/IP67	IK08/IK09 +35/-25°C
PC 2828 13 G/T	280x280x130	IP66/IP67	IK08/IK09 +35/-25°C
PC 2828 18 G/T	280x280x180	IP66/IP67	IK08/IK09 +35/-25°C
PC 3828 13 G/T	380x280x130	IP66/IP67	IK08/IK09 +35/-25°C
PC 3828 18 G/T	380x280x180	IP66/IP67	IK08/IK09 +35/-25°C
PC 5628 13 G/T	560x280x130	IP66/IP67	IK08/IK09 +35/-25°C
PC 5638 18 G/T	560x380x180	IP66/IP67	IK08/IK09 +35/-25°C
PC 7656 25 G/T	760x560x250	IP66/IP67	IK08/IK09 +35/-25°C

IK-code: IK08 side surfaces, IK09 front surface

PC 1919 13 G/T-2FSH	190x190x130	IP66/IP67	IK08/IK09 +35/-25°C
PC 1919 18 G/T-2FSH	190x190x180	IP66/IP67	IK08/IK09 +35/-25°C
PC 2819 13 G/T-2FSH	280x190x130	IP66/IP67	IK08/IK09 +35/-25°C
PC 2819 18 G/T-2FSH	280x190x180	IP66/IP67	IK08/IK09 +35/-25°C
PC 3819 13 G/T-2FSH	380x190x130	IP66/IP67	IK08/IK09 +35/-25°C
PC 3819 18 G/T-2FSH	380x190x180	IP66/IP67	IK08/IK09 +35/-25°C
PC 2828 13 G/T-2FSH	280x280x130	IP66/IP67	IK08/IK09 +35/-25°C
PC 2828 18 G/T-2FSH	280x280x180	IP66/IP67	IK08/IK09 +35/-25°C
PC 3828 13 G/T-2FSH	380x280x130	IP66/IP67	IK08/IK09 +35/-25°C
PC 3828 18 G/T-2FSH	380x280x180	IP66/IP67	IK08/IK09 +35/-25°C
PC 5628 13 G/T-3FSH	560x280x130	IP66/IP67	IK08/IK09 +35/-25°C
PC 5638 18 G/T-3FSH	560x380x180	IP66/IP67	IK08/IK09 +35/-25°C

IK-code: IK08 side surfaces, IK09 front surface

**Accessories**

Type	IP-code	IK-code
<b>Inspection windows:</b>		
L12, L13, L24, L12II ja L24II	IP65	IK08 +35/-25°C
L02, L04, L06, L08 ja L10	IP54	IK08 +35/-25°C
<b>Ventilation devices:</b>		
MB 10564	IP44	
MB 10631	IP33	

Material polycarbonate (PC)

Cover: f1 tested PC

Base: f1 tested PC with glass fibre

f1: suitable for outdoor use with respect to exposure to ultraviolet light, water

Exposure and immersion in accordance with UL 746C.

**As shown in the Test Report(s) No(s):** HELES2301000104-1