

# CERTIFICATE FI/41695

Our Ref. HEL-CERT230500820-01



**Product** Range of boxes

**Type** FIBOX EK

**Trademark** FIBOX

**Certificate Holder** Fibox Oy Ab  
HTC Center, Keilaranta 19  
FI-02150, Espoo, Finland

**Technical information** Degree of protection (EN 60529) IP66, IP66/IP67  
Mechanical strength (EN 62262) IK08...IK09 +35/-25°C  
Static loads mounting plate 1 kg/dm<sup>2</sup>

**Other information** Material: polycarbonate  
Empty enclosure  
The series includes the following types, see page 2 of this Certificate.

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

**Validity** This certificate is valid until 2028-06-14 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** 2023-06-14

**SGS Fimko Ltd**

**Signature**

  
Jonas Leinonen  
Certification Manager



**Manufacturer**

Fibox Oy Ab  
 HTC Center, Keilaranta 19  
 FI-02150, Espoo, Finland

**Manufacturing site**

FiboxPAM Oy  
 Rajasilta 6  
 FI-33880, Lempäälä, Finland

**Additional information**

EK serie includes the following types:

Type	Size (mm)	IP-code	IK-code
EKHA 130/180 G/T	190x190x130/180	IP66/IP67	IK08/IK09 +35/-25°C
EKHS 130/180 G/T	190x190x130/180	IP66/IP67	IK08/IK09 +35/-25°C
EKJB 130/180 G/T	280x190x130/180	IP66/IP67	IK08/IK09 +35/-25°C
EKMB 130/180 G/T	380x190x130/180	IP66/IP67	IK08/IK09 +35/-25°C
EKMR 130/180 G/T	380x190x130/180	IP66/IP67	IK08/IK09 +35/-25°C
EKOE 130/180 G/T	280x280x130/180	IP66/IP67	IK08/IK09 +35/-25°C
EKPE 130/180 G/T	380x280x130/180	IP66/IP67	IK08/IK09 +35/-25°C
EKPG 130/180 G/T	380x280x130/180	IP66/IP67	IK08/IK09 +35/-25°C
EKPK 180/230 G/T	380x280x180/230	IP66/IP67	IK08/IK09 +35/-25°C
EKPL 180/230 G/T	380x280x180/230	IP66/IP67	IK08/IK09 +35/-25°C
EKTH 130 G/T	560x 280x130	IP66/IP67	IK08/IK09 +35/-25°C
EKUH 180 G/T	560x380x180	IP66/IP67	IK08/IK09 +35/-25°C
EKUM 180 G/T	560x380x180	IP66/IP67	IK08/IK09 +35/-25°C
EKUN 180 G/T	560x380x180	IP66/IP67	IK08/IK09 +35/-25°C
EKWH 250 G	760x560x250	IP66/IP67	IK08/IK09 +35/-25°C
EKWH 250 G NEW	760x560x250	IP66/IP67	IK08/IK09 +35/-25°C

IK-code: IK08 side surfaces, IK09 front surface

**Additional information**

Accessories:  
Type

Cover plates MB 10215...10546	IP66	IK08 +35/-25°C
Cable gland plates MB 10014...10537	IP66	IK08 +35/-25°C
Knock-out plates MB 10593...10596	IP66	IK08 +35/-25°C
Extension flange MB 10391	IP66	IK08 +35/-25°C
Inspection windows L12, L13, L24, L12II, L24II	IP65	IK08 +35/-25°C
Inspection windows L02, L04, L06, L08, L10	IP54	IK08 +35/-25°C
Cable entry boxes MB 2260	IP65	IK08 +35/-25°C
Cable entry boxes EPA-OE	IP65	IK08 +35/-25°C
Cable entry boxes EPA-PL	IP65	IK08 +35/-25°C
Cable entry EPA 1130...EPA 2260	IP65	IK08 +35/-25°C
Ventilation device MB 10564	IP44	
Ventilation device MB 10631	IP33	
Membrane flange plate FMB 5F	IP65	IK08 +35/-25°C
Membrane flange plate FMC 3F	IP65	IK08 +35/-25°C
Membrane flange plate FMC 25F	IP65	IK08 +35/-25°C
Membrane flange plate FMC 35F	IP65	IK08 +35/-25°C
Mounting plates EK X VT, MPI EK X		

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 and water exposure and immersion in accordance with UL 746C

**Based on:** HELES2203000415-1