

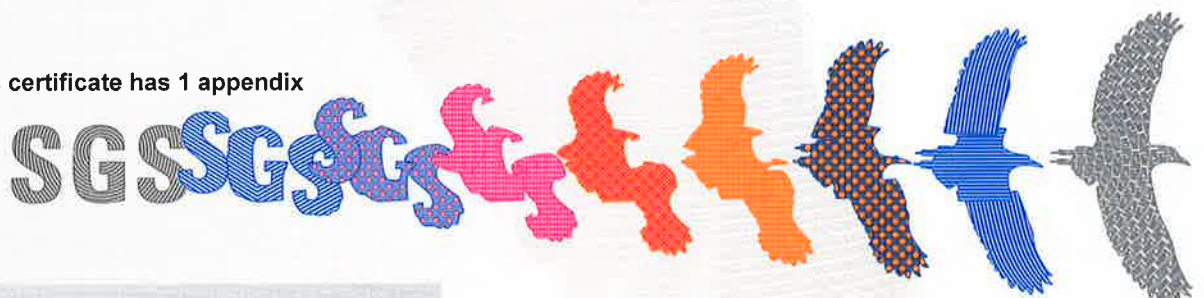


CERTIFICATE FI 30480

Our Ref. 293506-1

Product	Range of enclosures
Type	CUBO E
Trade mark	CASEMET
Certificate Holder/ Manufacturer	Casemet Oy Insinöörinkatu 1 FI-50150 MIKKELI, FINLAND
Technical information	Degree of protection (EN 60529) IP66 and IP55 (double doors) Mechanical strength (EN 62262) IK09 Material: steel (EFEF and EFEP), stainless steel (ESSP) and acid-proof steel (EASP)
Other information	Empty enclosure Models included in series: See the Appendix to this Certificate
The product is certified according to the following standard(s)	EN 62208:2011
Validity	This certificate is valid until 20 June 2023 provided that the Conditions for FI certification are met. This certificate includes the right to use the FI mark under the condition that product changes (if any) will be approved at SGS Fimko before the product is brought onto market.
Directive information	The certified product(s) fulfils requirements of above mentioned standard(s) which are harmonised under the Low Voltage Directive (2014/35/EU) at the date of issue of the certificate.
Date of issue	20 June 2018
Signature	SGS Fimko Ltd  Sixten Lökfors Project Manager

This certificate has 1 appendix



This certificate is issued by the company under its General Conditions for Certification Services accessible at <http://www.sgs.fi/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Manufacturing site Casemet Oy
 Insinöörinkatu 1
 FI-50150 MIKKELI
 FINLAND

Additional information This certificate replaces Certificate FI 29552 M1 dated 18 August 2017.



Based on tests 293506-1, 289143-1, 287703-1, 276349-1, 270709-1

Series includes enclosures of dimension 200x300x150 mm up to 1000x1200x300 mm.

Series includes following standard products:

Degree of protection IP66

model	model	model	size (mm)
EFEF/EFEP 203015	ESSP 203015	EASP 203015	200x300x150
EFEF/EFEP 302015	ESSP 302015	EASP 302015	300x200x150
EFEF/EFEP 303015	ESSP 303015	EASP 303015	300x300x150
EFEF/EFEP 303020	ESSP 303020	EASP 303020	300x300x200
EFEF/EFEP 304020	ESSP 304020	EASP 304020	300x400x200
EFEF/EFEP 383820	ESSP 383820	EASP 383820	380x380x200
EFEF/EFEP 386020	ESSP 386020	EASP 386020	380x600x200
EFEF/EFEP 386030	ESSP 386030	ESSP 386030	380x600x300
EFEF/EFEP 403015	ESSP 403015	EASP 403015	400x300x150
EFEF/EFEP 403020	ESSP 403020	EASP 403020	400x300x200
EFEF/EFEP 404020	ESSP 404020	EASP 404020	400x400x200
EFEF/EFEP 404030	ESSP 404030	EASP 404030	400x400x300
EFEF/EFEP 405020	ESSP 405020	EASP 405020	400x500x200
EFEF/EFEP 406020	ESSP 406020	EASP 406020	400x600x200
EFEF/EFEP 406030	ESSP 406030	EASP 406030	400x600x300
EFEF/EFEP 505020	ESSP 505020	EASP 505020	500x500x200
EFEF/EFEP 505030	ESSP 505030	EASP 505030	500x500x300
EFEF/EFEP 506030	ESSP 506030	EASP 506030	500x600x300
EFEF/EFEP 604020	ESSP 604020	EASP 604020	600x400x200
EFEF/EFEP 604030	ESSP 604030	EASP 604030	600x400x300
EFEF/EFEP 606020	ESSP 606020	EASP 606020	600x600x200
EFEF/EFEP 606030	ESSP 606030	EASP 606030	600x600x300
EFEF/EFEP 608020	ESSP 608020	EASP 608020	600x800x200
EFEF/EFEP 608030	ESSP 608030	EASP 608030	600x800x300
EFEF/EFEP 6010030	ESSP 6010030	EASP 6010030	600x1000x300
EFEF/EFEP 6012030	ESSP 6012030	EASP 6012030	600x1200x300
EFEF/EFEP 767620	ESSP 767620	EASP 767620	760x760x200
EFEF/EFEP 767630	ESSP 767630	EASP 767630	760x760x300
EFEF/EFEP 806030	ESSP 806030	EASP 806030	800x600x300
EFEF/EFEP 808020	ESSP 808020	EASP 808020	800x800x200
EFEF/EFEP 808030	ESSP 808030	EASP 808030	800x800x300
EFEF/EFEP 8010030	ESSP 8010030	EASP 8010030	800x1000x300
EFEF/EFEP 8012030	ESSP 8012030	EASP 8012030	800x1200x300
EFEF/EFEP 1008030	ESSP 1008030	EASP 1008030	1000x800x300
EFEF/EFEP 10010030	ESSP 10010030	EASP 10010030	1000x1000x300
EFEF/EFEP 10012030	ESSP 10012030	EASP 10012030	1000x1200x300

Appendix 2 to Certificate: 30480

Degree of protection IP55 (two doors)

model	model	model	size (mm)
EFEF/EFEP 808030D	ESSP 808030D	EASP 808030D	800x800x300
EFEF/EFEP 8010030D	ESSP 8010030D	EASP 8010030D	800x1000x300
EFEF/EFEP 10010030D	ESSP 10010030D	EASP 10010030D	1000x1000x300
EFEF/EFEP 10012030D	ESSP 10012030D	EASP 10012030D	1000x1200x300

Enclosures tested without lead-throughs (openings). Enclosures can be supplied with pre-fabricated openings. Degree of protection of components installed in pre-fabricated openings determines the final IP-classification

A suffix eg. letter A can be presented in the Product code for colour code

Accessories: Attachment EFFL 2.20, EFFL 2.50 and EFFL3.20

Lock material: stainless steel, acid-proof steel and zinc casting