DECLARATION OF PERFORMANCES
N° ETCH 01C EN

LR ETANCO SAS
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1. *Unique identification code of the product-type :* *FASTENERS FOR SYSTEMS OF MECHANICALLY FASTENED FLEXIBLE ROOF WATERPROOFING MEMBRANES*

2. *Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11 (4)*

Fastening element	*Distribution washer*
EVF 2C	82 x 40 R SC
EVDF 2C	82 x 40 R SC
EVF 2C	82 x 40 R DF
EVDF 2C	82 x 40 R DF
EVDF 2C	82 x 40 R DF code 294712
EVF 2C	40 x 40
EVDF 2C	40 x 40
EVF 2C	Ø 40
EVDF 2C	Ø 40
MULTIFAST TF	82 x 40 R SC
MULTIFAST TB INOX A2	Etancoplast HP6 L 82 x 40
MULTIFAST TB INOX A2	Etancoplast HP6 L Ø 40
EGB 2C	Etancoplast HP4 L 82 x 40
EGB 2C	Etancoplast HP4 L Ø 40
EGB 2C	Etancoplast-P T 80 x 40
EGB 2C	Etancoplast-P Ø 50
VMS 2C	Etancoplast HP4 L 82 x 40
VMS 2C	Etancoplast HP4 L Ø 40
VMS 2C	Etancoplast-P T 80 x 40
VMS 2C	Etancoplast-P Ø 50
MULTIFAST TB INOX A2	82 x 40 R
MULTIFAST TB INOX A2	Etancoplast HP6 L 82 x 40
MULTIFAST TB INOX A2	Etancoplast HP6 L Ø 40
MULTIFAST TB INOX A2	82 x 40 R
MULTIFAST TB DF INOX A2	82 x 40 R DF
MULTIFAST TB INOX A2	40 x 40
MULTIFAST TB INOX A2	Ø 40
NAILFIX GàC	Ø 40
NAILFIX GàC	40 x 40
NAILFIX GàC	82 x 40 RSC
BETOFAST TT 2C	Etancoplast T 80 x 40
BETOFAST TT 2C	Etancoplast 50

BETOFAST TT 2C	Etancoplast HP4 L Ø 40
BETOFAST TT 2C	Etancoplast HP4 L 82 x 40
BETOFAST TH 3C	82 x 40 R
BETOFAST TH DF 3C	82 x 40 R
BETOFAST TB Tx/3C	Etancoplast HP6L Ø 40
BETOFAST TB Tx/3C	Etancoplast HP6L 82 x 40
EVF 2C	82 x 40 R DF
EVDF 2C	82 x 40 R DF
EVDF 2C	82 x 40 R DF code 294712
EVDF 2C	40 x 40 DF (Axter)
EVDF 2C	64 x 64
EVF 2C	Ø 40
EVDF 2C	Ø 40
EVF 2C	82 x 40 R SC
EVDF 2C	82 x 40 R SC
EVB DF 2C	40 x 40
EHB DF 2C	82 x 40 R DF
EVB DF 2C	82 x 40 R SC
EVB DF 2C	82 x 40 R DF
EVB DF 2C	82 x 40 R DF code 294712
EVB DF 2C	Ø 40
EGB 2C	Etancoplast 50
EGB 2C	Etancoplast T 80 x 40
EGB 2C	Etancoplast-P T 80 x 40
EGB 2C	Etancoplast-P Ø 50
EGB 2C	Etancoplast HP4 L 82 x 40
EGB 2C	Etancoplast HP4 L Ø 40
ISODRILL TH DF	82 x 40 R DF
VMS 2C	82 x 40 R DF
VMS 2C	40 x 40
VMS 2C	Etancoplast HP4 L 82 x 40
VMS 2C	Etancoplast HP4 L Ø 40
VMS 2C	64 x 64
VMS 2C	40 x 40 (Axter)
VMS 2C	Ø 40
ISODRILL TT	82 x 40 R DF
ISODRILL TT	Etancoplast T 80 x 40
ISODRILL TT	Etancoplast 50
ISODRILL TT	Ø 40
ISODRILL TT	40 x 40
ISODRILL TT	Etancoplast HP4 L Ø 82 x 40
ISODRILL TT	Etancoplast HP4 L Ø 40
FASTOVIS 3036 TF 2C	Ø 40

FASTOVIS 3036 TF DF 2C	Ø 40
FASTOVIS 3036 TF 2C	82 x 40 R DF
FASTOVIS 3036 TF DF 2C	82 x 40 R DF
FASTOVIS 3036 TF 2C	Etancoplast HP6 L 82 x 40
FASTOVIS 3036 TF 2C	Etancoplast HP6 L Ø40
FASTOVIS 3036 TF DF 2C	40 x 40 DF (Axter)
FASTOVIS 3036 TF 2C	40 x 40
FASTOVIS 3036 TF DF 2C	40 x 40
PER Ø 4.8mm	40 x 40
PER Ø 4.8mm	82 x 40 SC
PER Ø 4.8mm	Ø 40
PER Ø 5mm	40 x 40
PER Ø 5mm	82 x 40 SC
PER Ø 5mm	Ø 40

3. *Intended use or uses of the construction product, in accordance with the applicable harmonized technical specifications, as foreseen by the manufacturer :*

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4. *Name, registered trade name or registered trade mark and contract address of the manufacturer as required pursuant to article 11(5) :*

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5. *Where applicable name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2) :*

NOT RELEVANT

6. *System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V :*

System 2+

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

NOT RELEVANT

8. *In case of the declaration of performance concerning a construction product for which European Technical Assessment has been issued :*

CSTB (Notified Body No. 0679)

Carried out :

- *Initial inspection of Factory Production Control according to the system 2 +*
- *Continuous surveillance, assessment and approval of Factory Production Control according to the system 2 +*

Issued:

- *The European Technical Approval ETA-08/0239* according to ETAg 006, March 2000, amended April 2007 (EOTA)
- *Certificate of Factory Production Control No. 0679-CPR-0409*

9. *Declared Performances :*

Standard: **ETAG 006 mars 2000 – modified november 2012 (EOTA) --- ETA -08/0239**

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Name of the fastener	*Minimal characteristic axial load* Rk (N) (1)	*Corrosion class* (2)	*Unwinding Resistance* (3)	*Mechanical resistance before and after heat ageing* *Drop height (m)*
Support : *Profiled metal decking substrate (standard*				
ISODRILL TT + 82 x 40 R DF	1340	C15	OK	Non applicable
ISODRILL TT + 40 x 40	1340	C15	OK	Non applicable
ISODRILL TT + Ø40	1310	C15	OK	Non applicable
ISODRILL TT + Etancoplast 50	1370	Not relevant	OK	2,2
ISODRILL TT + Etancoplast T80 x 40	1320	Not relevant	OK	2,2
ISODRILL TT + Etancoplast HP4 L Ø40	1360	Not relevant	OK	2,2
ISODRILL TT + Etancoplast HP4 L 82 x 40	1320	Not relevant	OK	2,2
EGB 2C + Etancoplast 50	1430	C15	OK	2,2
EGB 2C + Etancoplast T80 x 40	1430	C15	OK	2,2
EGB 2C + Etancoplast-P T80 x 40	1440	C15	OK	1
EVDF 2C + 40 x 40 DF (Axter)	1640	C15	OK	Not relevant
EVDF 2C + 64 x 64 DF (Axter)	1640	C15	OK	Not relevant
EGB 2C + Etancoplast-P Ø50	1440	C15	OK	1
EGB 2C + Etancoplast HP4 L 82 x 40	1430	C15	OK	1
EGB 2C + Etancoplast HP4 L Ø 40	1440	C15	OK	1
VMS 2C + 82 x 40 R DF	1660	C15	OK	Not relevant
VMS 2C + 40 x 40	1740	C15	OK	Not relevant
VMS 2C + Ø40	1710	C15	OK	Not relevant
VMS 2C + 40 x 40 (Axter)	1660	C15	OK	Not relevant
VMS 2C + 64 x 64	1700	C15	OK	Not relevant
VMS 2C + Etancoplast HP4 L 82 x 40	1690	C15	OK	1
VMS 2C + Etancoplast HP4 L Ø40	1640	C15	OK	1
EVDF 2C + 82 x 40 R DF	1740	C15	OK	Not relevant
EVDF 2C + 82 x 40 R DF code 294712	1640	C15	OK	Not relevant
EVDF 2C + 82 x 40 R SC	1740	C15	OK	Not relevant
EVDF 2C + 40 x 40	1640	C15	OK	Not relevant
EVDF 2C + Ø40	1620	C15	OK	Not relevant
EVF 2C + Ø40	1640	C15	OK	Not relevant
EVF 2C + 82 x 40 R DF	1740	C15	OK	Not relevant
EVF 2C + 82 x 40 R SC	1740	C15	OK	Not relevant
EVF 2C + 40 x 40	1660	C15	OK	Not relevant
EVB DF 2C + 40 x 40	1380	C15	OK	Not relevant
EVB DF 2C + 82 x 40 R DF	1400	C15	OK	Not relevant
EVB DF 2C + 82 x 40 R DF code 294712	1640	C15	OK	Not relevant
EVB DF 2C + 82 x 40 R SC	1420	C15	OK	Not relevant
EVB DF 2C + Ø40	1410	C15	OK	Not relevant

EHB DF 2C + 82 x 40 R DF	1350	C15	OK	Not relevant
ISODRILL TH DF + 82 x 40 R DF	1320	C15	OK	Not relevant
PER Ø5 + 40 x 40	1020	C15	Not relevant	Not relevant
PER Ø5 + 82 x 40 SC	1020	C15	Not relevant	Not relevant
RER Ø5+ Ø40	1020	C15	Not relevant	Not relevant
PER Ø4.8 + 82 x 40 R SC	1300	C15	Not relevant	Not relevant
PER Ø4.8 + 40 x 40	1320	C15	Not relevant	Not relevant
RER Ø4.8 + Ø 40	1340	C15	Not relevant	Not relevant
FASTOVIS 3036 TF 2C + 82 x 40 R DF	1900	C15	OK	Not relevant
FASTOVIS 3036 TF 2C + 40 x 40	1870	C15	OK	Not relevant
FASTOVIS 3036 TF 2C + Ø40	1870	C15	OK	Not relevant
FASTOVIS 3036 TF DF 2C + 82 x 40 R DF	1900	C15	OK	Not relevant
FASTOVIS 3036 TF DF 2C + 40 x 40	1870	C15	OK	Not relevant
FASTOVIS 3036 TF DF 2C + Ø40	1870	C15	OK	Not relevant
FASTOVIS 3036 TF DF 2C + Etancoplast HP6L 82 x 40	1890	C15	OK	Not relevant
FASTOVIS 3036 TF DF 2C + Etancoplast HP6L Ø40	1890	C15	OK	Not relevant
Support : *Profiled métal decking substrate (acoustic)*				
PER Ø4.8 + 82 x 40 R R SC	1300	C15	Not relevant	Not relevant
PER Ø4.8 + 40 x 40	1320	C15	Not relevant	Not relevant
RER Ø4.8 + Ø40	1340	C15	Not relevant	Not relevant
FASTOVIS 3036 TF 2C + 82 x 40 R DF	1900	C15	OK	Not relevant
FASTOVIS 3036 TF 2C + Ø 40	1870	C15	OK	Not relevant
FASTOVIS 3036 TF 2C + 40 x 40	1870	C15	OK	Not relevant
FASTOVIS 3036 TF DF 2C + 82 x 40 R DF	1900	C15	OK	Not relevant
FASTOVIS 3036 TF DF 2C + Ø 40	1870	C15	OK	Not relevant
FASTOVIS 3036 TF DF 2C + 40 x 40	1870	C15	OK	Not relevant
FASTOVIS 3036 TF 2C + Etancoplast HP6L 82 x 40	1890	C15	OK	1
FASTOVIS 3036 TF 2C + Etancoplast HP6L Ø 40	1890	C15	OK	1
FASTOVIS 3036 TF DF 2C + 40 x 40 DF (Axter)	1860	C15	OK	Not relevant
Support : *Concrete substrate*				
BETOFAST TT 2C + Etancoplast 50	2990	C15	Not relevant	2,2
BETOFAST TT 2C + Etancoplast T 80 x 40	2970	C15	Not relevant	2,2
BETOFAST TT 2C + Etancoplast HP4L Ø40	2990	C15	Not relevant	2,2
BETOFAST TT 2C + Etancoplast HP4L 82 x 40	2990	C15	Not relevant	2,2
BETOFAST TB Tx/3C + Etancoplast HP6L Ø 40	3950	C15	Not relevant	1
BETOFAST TB Tx/3C + Etancoplast HP6L 82 x 40	3960	C15	Not relevant	1
NAILFIX GàC + 82 x 40 R SC	3020	C15	Not relevant	Not relevant
NAILFIX GàC + Ø 40	2960	C15	Not relevant	Not relevant
NAILFIX GàC + 40 x 40	2600	C15	Not relevant	Not relevant
BETOFAST TH 3C + 82 x 40 R	6860	C15	Not relevant	Not relevant
BETOFAST TH DF 3C + 82 x 40 R	6860	C15	Not relevant	Not relevant

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Support : *Lightweight substrate*				
MULTIFAST TB INOX A2 + 82 x 40 R	1540	C15	Not relevant	Not relevant
MULTIFAST TB INOX A2 + Ø 40	1520	C15	Not relevant	Not relevant
MULTIFAST TB INOX A2 + 40 x 40	1570	C15	Not relevant	Not relevant
MULTIFAST TB DF INOX A2 + 82 x 40 R DF	1540	C15	Not relevant	Not relevant
MULTIFAST TB INOX A2 + Etancoplast HP6L 82 x 40	1510	Non applicable	Not relevant	1
MULTIFAST TB INOX A2 + Etancoplast HP6 L Ø 40	1510	Non applicable	Not relevant	1
Support : *Wood substrate*				
EVDF 2C + 82 x 40 R SC	1830	C15		Not relevant
EVDF 2C + 82 x 40 R DF code 294712	1880	C15	Not relevant	Not relevant
EVDF 2C + 82 x 40 R DF	1880	C15	Not relevant	Not relevant
EVDF 2C + 40 x 40	1890	C15	Not relevant	Not relevant
EVDF 2C + Ø 40	1850	C15	Not relevant	Not relevant
EVF 2C + 82 x 40 R SC	1850	C15	Not relevant	Not relevant
MULTIFAST TF + 82 x 40 R SC	1990	C15	Not relevant	Not relevant
MULTIFAST TB INOX A2 + Etancoplast HP6L 82 x 40	1980	Non applicable	Not relevant	1
MULTIFAST TB INOX A2 + Etancoplast HP6 L Ø 40	1990	Non applicable	Not relevant	1
EGB 2C + Etancoplast HP4 L 82 x 40	1640	C15	Not relevant	1
EGB 2C + Etancoplast HP4 L Ø 40	1640	C15	Not relevant	1
EGB 2C + Etancoplast-P T 80 x 40	1510*	C15	Not relevant	1
EGB 2C + Etancoplast-P Ø 50	1510*	C15	Not relevant	1
VMS 2C + Etancoplast HP4 L 82 x 40	1840	C15	Not relevant	1
VMS 2C + Etancoplast HP4 L Ø 40	1510*	C15	Not relevant	1
VMS 2C + Etancoplast-P T 80 x 40	1510*	C15	Not relevant	1
VMS 2C + Etancoplast-P Ø 50	1850	C15	Not relevant	1
EVF 2C + Ø 40	1850	C15	Not relevant	Not relevant
EVF 2C + 82 x 40 R DF	1880	C15	Not relevant	Not relevant
EVF 2C + 40 x 40	1890	C15	Not relevant	Not relevant

(1) Declared values

(2) Classe C2 = surface corrosion = 0% after 2 cycles

Classe C7 = surface corrosion ≤ 5% after 7 cycles

Classe C15 = surface corrosion ≤ 15% after 15 cycles

(3) OK = rotation of the fastener head ≤ ¼ turn after 500 cycles

rotation of the fastener head ≤ ¼ turn after 900 cycles

vertical movement ≤ 1mm after 900 cycles

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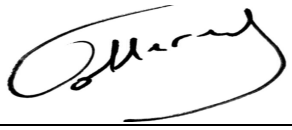
(*) Tearing by the head

10. *The performance of the product identified in points 1 and 2 is in conformity with declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.*

Signed for and behalf of the manufacturer by:

In Le Pecq, 2018 May 22th

Technical Director
Philippe TOLLERET



Quality Director
Didier GUILLAUME

