

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)*

<i>Fastening element</i>	<i>Distribution washer</i>
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

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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

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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 (Aexter)
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

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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 : Profilé 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 : <i>Lightweight substrate</i>				
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 : <i>Wood substrate</i>				
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

(*) Tearing by the head

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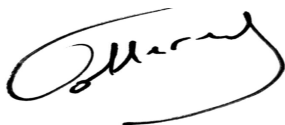


10. The performance of the product identified in points 1 and 2 is in conformity with declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and behalf of the manufacturer by:

In Le Pecq, 2018 May 22th

Technical Director
Philippe TOLLERET

A handwritten signature in black ink, appearing to be 'P. Tolleret', written over a horizontal line.

Quality Director
Didier GUILLAUME

A handwritten signature in black ink, appearing to be 'D. Guillaume', written over a horizontal line.