

מחסום אש לצינור פלסטיק כבר התקנת ? למה להסתבך בהתקנה ?

מסורבל וקשה להתקנה



קל ליישום



Abesco של חברת fx/s-200 Fireclamp היא רצועה מתקדמת לחסימת אש לצינור פלסטיק והיעילה ביותר לתנאי השטח בישראל. מתוכננת להתקנה מסביב לצינור הפלסטיק ולהדחף לעומק פנים הקדח עד 1 ס"מ מקו התקרה. נבדק בהצלחה - ותקן EN1366 חלק 3, UL1479 ומתאים לתקן 931 חלק 2 ותקן 2174 ונושא סימן איכות CE/UL

לתכנון נכון, חסכוני ובירורים נוספים : פילו מיגון אש (בהנהלת חנן פילון) בע"מ | 050-7754883

- ללא ברגים
- ללא קידוחים
- ללא כלים חשמליים
- ללא מלאיים בקטרים שונים
- ללא "התאמות" בהתקנה
- ניתן לקבל עם וללא אריזת ניילון
- ניתן לקבל אריזת רול או חתוך למידות



UL INTERNATIONAL (UK) LTD
Wonersh House, Building C,
The Guildway,
Old Portsmouth Road,
Guildford. GU3 1LR.
United Kingdom.



designated according to Article 29 of the Regulation (EU) No 305/2011 and member of EOTA (European Organisation for Technical Assessment, www.eota.eu)

European Technical Assessment

ETA 14/0060 of 11/12/2017

Technical Assessment Body issuing the ETA and designated according to Article 29 of the Regulation (EU) No 305/2011: UL International (UK) Ltd

Trade name of the construction product

Firebreak FX Series Pipe Collar

Product family to which the construction product belongs

Fire Stopping and Sealing Product:
Penetration Seals

Manufacturer

Neutron Fire Technologies Limited
Shire Hall
Quay Street
Lostwithiel
Cornwall
PL22 0BS
www.neutronfire.com

Manufacturing plant(s)

A/005

This European Technical Assessment contains

26 pages including 1 Annex which forms an integral part of this assessment.

This European Technical Assessment is issued in accordance with regulation (EU) No 305/2011, on the basis of

ETAG 026-2, edition 2011, used as European Assessment Document (EAD).

This version replaces

ETA 14/0060 issued on 17/03/2016

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EC CERTIFICATE

Notified Body No. 0843

CPR Notified Body, UL International (UK) Ltd., Wonersh House, The Guildway, Old Portsmouth Road, Guildford, Surrey, GU3 1LR, United Kingdom

Certificate of constancy of performance 0843-CPR-0255

In compliance with the Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

Fireclamp S200 Pipe Wrap/Fireclamp Sealstrip Penetration Seal Classified for use in flexible & solid walls and solid floors

A pipe closure device used to form penetration seals where combustible pipes, cables and metal pipes with insulation penetrate walls and floors. The Fireclamp S200 Pipe Wrap is supplied at the correct length to wrap around the diameter of the pipe. The Fireclamp Sealstrip is supplied on a continuous roll to be cut to the correct length during installation.

produced by

Abesco Fire Ltd

Alma Place

Laurencekirk

Aberdeenshire

AB30 1AL

and produced in the manufacturing plant(s)

A/005

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in the ETA:

ETA 15/0330

under system AVCP 1 for the performance set out in this certificate are applied and that

Fireclamp S200 Pipe Wrap/Fireclamp Sealstrip fulfil all the prescribed requirements for these performances.

This certificate was first issued on 3rd July 2015 and will remain valid as long as the ETA remains valid and the manufacturing conditions in the plant or the factory production control itself are not modified significantly, unless suspended or withdrawn by the product certification body.

First issue date: 3rd July 2015

Signature:

Chris Miles
for
UL International (UK) Ltd.

UL International (UK) Limited
Wonersh House, The Guildway, Old Portsmouth Road,
Guildford, Surrey, GU31LR, United Kingdom



כבאות והצלה לישראל

נציבות כבאות והצלה לישראל
אגף הגנה מאש

-בלמ"ס-

כ"ז בשבט תש"פ
23 בפברואר 2020
5750-1102-2020-015548

לכבוד
רמ"ח הגנה מאש מחוזיים

הנדון: תקן ישראלי 931 חלק 2 – מחסומי אש במבנים סימוכין : כב 2008-2989 מתאריך 12.05.2008

בהמשך למכתבו של טפסר חיים תמס המצ"ב הריני להבהיר כי מחסומי אש נועדו לחסימת מעבר של להבות, עשן וגזים רעילים דרך פתחים בקירות ותקרות אש.

מחסום אש הינו כל התקן, אביזר או מערכת המיועדים ליצור מחסום אש ועשן דרך תקרות וקירות כגון: חומרי אטימה, קולרים תופחים, רצועות תופחות, מזרוני צמר סלעים מטופלים במסטיק ייעודי וכד'.

כאשר קיר או תקרה נדרש לעמוד בעמידות אש לזמן מסוים, דרישת עמידות אש זו נדרשת גם במחסומי אש

הנמצאים במעברי צנרת, כבלים, מובילי אויר בכפוף לתקנות תכנון ובניה חלק ז' סעיף 7.96.00.

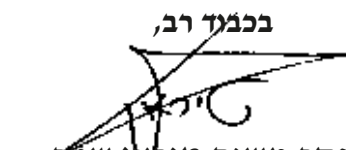
תקן ישראלי ת"י 931 חלק 2 – "עמידות אש של אלמנטי בניין - שיטות בדיקה של מחסומי אש" דן בשיטת בדיקה לקביעת עמידות אש של מחסומי אש המיועדים לחסום התפשטות אש דרך פתחים באלמנטי בניין.

מסמך זה מועבר לעיונכם להשלמת והתאמת האמור במסמך המקורי ובכדי לחדד ולהבהיר, כי:

בהתאם להגדרת התקן –

- א. מחסומי אש שנבדקו בתוך קירות בטון/בלוקים אינם מתאימים להיות מותקנים בקירות גבס.
- ב. בדיקות 931 למחסומי אש בקירות מכל סוג שהוא, אינן מתאימות ולא ניתן להתקין לפיהן מחסומים בתוך תקרות אש.
- ג. בהעדר תקן ישראלי ניתן לאשר בדיקה לפי תקן UL או EN אשר בוצעה במעבדה מאושרת ILAC.

יצויין כי מכון התקנים הישראלי אינו מבצע בדיקות למחסומי אש על גבי תקרות, ולכן, בהעדר בדיקה ישראלית, ניתן לאשר מוצרים בעלי סימון (כגון UL / CE / FM) אשר נבדקו בבדיקת תקרה במעבדה מוכרת מאושרת ILAC.

בכבוד רב,

טפסר משנה טיראן שמו
רמ"ח רישוי והגנה מאש ארצי

העתקים:
טפסר בצלאל חיון / רא"ג הגנה מאש
עובדי מערך הגנה מאש

PRODUCT DATA SHEET

Firebreak Pipe Wraps

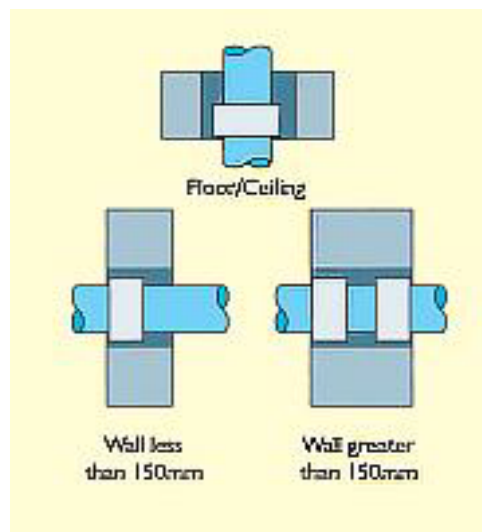
<p>DESCRIPTION</p>	<p>Firebreak Pipe Wraps are a range flexible devices designed to be fitted around plastic pipes within the depth of the fire separating wall or floor construction. Under fire conditions the intumescent material within the Wrap expands to crush the softening pipe and fill the resultant opening, thereby maintaining the fire integrity and insulation performance of the floor or wall.</p>
<p>APPLICATIONS</p>	<ul style="list-style-type: none"> • Plastic pipes penetrating fire separating walls • Plastic pipes penetrating fire separating floors
<p>CHARACTERISTICS AND FEATURES</p>	<p>Firebreak Pipe Wraps consist of an easy to fix plastic sleeve containing a tough flexible intumescent seal material and offering either 120 or 240 minutes fire resistance. Features include:</p> <ul style="list-style-type: none"> • Seal ranges offering 120 or 240 Minutes Fire Resistance • Independently fire tested and assessed to the requirements of BS 476 : Part 20 : 1987 and BS EN 1366-3 : 2009 • Fire tested in both horizontal and vertical orientations • Manufactured to the requirements of BS EN ISO 9001 • Quick and Easy to fix with self-adhesive closing • 'Hidden' fixing within the depth of the floor or wall construction • Fast acting intumescent action • Intumescent material unaffected by moisture or CO₂ • Can be used in conjunction with other Firebreak fire seal materials [i.e. Firebreak Compound]
<p>LIMITATIONS</p>	<p>It is the user's responsibility to determine suitability of use.</p>

תקף בהצגת אישור ביצוע מחברת פיל חומן אש (מתהלת חנן פיל) בע"מ בלבד
 טל: 050-7754883

SEAL LOCATIONS

1. In the case of **Floor** penetrations a single **Firebreak Pipe Wrap** should be positioned within the depth of the floor slab with the lower edge of the Wrap recessed a maximum of 10mm from the under surface of the slab.

2. In the case of **Wall** penetrations of maximum wall thickness 150mm, a single **Firebreak Pipe Wrap** should be positioned within the depth of the opening. Where the wall thickness is greater than 150mm, **Firebreak Pipe Wraps** should be fitted on both sides of the separating structure unless the direction is known in which case a single Collar may be positioned on the fire side only. Again, the exposed edge of the seal should be recessed a maximum of 10mm from the surface of the wall.



PRODUCT CODES AND WRAP DIMENSIONS

120 MINUTES FIRE RESISTANCE

Product Code	Pipe Outside Diameter (mm)	Wrap Length (mm)	Minimum Diameter of Hole in Wall or Floor (mm)
W55EI - 120	55	175	70
W82EI - 120	82	260	98
W110EI - 120	110	350	130
W160EI - 120	160	505	190

240 MINUTES FIRE RESISTANCE

Product Code	Pipe Outside Diameter (mm)	Wrap Length (mm)	Minimum Diameter of Hole in Wall or Floor (mm)
W55EI - 240	55	175	70
W82EI - 240	82	260	98
W110EI - 240	110	350	130
W160EI - 240	160	505	190

מוקף בהצגת אישור לצצוע מחברת פילסטיגון אש (בהתארת חנן פילון) בע"מ בלבד
 סלי לבירורום 050-7754888

INSTALLATION INSTRUCTIONS

1. The substrate around the pipe should be of solid construction. The opening in the floor or wall around the pipe should be of the correct minimum size (see Table).

N.B. Where the hole is larger than specified, the area around the Wrap and pipe should be filled once the Wrap(s) has been fitted using **Firebreak Compound**

2. Fix the Wrap around the pipe using the adhesive tab and slide along pipe into wall/floor opening to the correct position (see 1. & 2.).

3. Attach the self-adhesive identification label provided to the pipe to show a **Firebreak Pipe Wraps** has been correctly fitted.

Since the product is applied under circumstances beyond our control Neutron Fire Technologies Ltd can accept no direct or consequential liability whether in contract or in tort, for the interpretations of such recommendations and reserves the right to modify the recommendations as necessary.



Firebreak FX200 Sealstrip

PRODUCT DATA SHEET

Cut-to-length roll for economy and flexibility



Firebreak FX200 Sealstrip is a durable intumescent strip material supplied as a continuous 10m roll packed in a convenient self-dispensing box to be cut to length on site as required. It is designed to be installed around plastic pipes or metal pipes with combustible insulation where such services penetrate fire resistant walls or floors providing fire seals of up to 240 minutes.

Key features and benefits

- Tested for pipe sizes 25mm to 200mm diameter
- Efficient and economical cut-to-length self-dispensing roll
- Independently tested to EN 1366-3:2009 providing up to four hours fire resistance
- Tested in 100mm thick flexible (partition) walls and suitable for use in both flexible and masonry walls of equal or greater thickness
- Can be used with a wide range of plastic pipes including PVCU, PVCC, PE, ABS, SAN+PVC and multi-layer composite (PE-AI-PE)
- Approved for use with ALL types of plastic pipe installations including ventilation applications

- Intumescent material unaffected by moisture
- Very easy to install without the use of specialist tools
- Can be used in conjunction with other Neutron fire seal products such as Firebreak 22 Sealant and Firebreak Compound

- Qualified for use in low temperature conditions below 0°C
- Quality assured including ISO 9001, CE Marking and independent third party product certification

Typical applications

- Fire sealing of resultant openings where combustible plastic pipes pass through fire separating walls and floors
- Sealing around steel and copper pipes with continuous combustible synthetic rubber insulation where they pass through fire separating construction
- Reinstating the fire resistance of separating constructions when penetrated by bunched cables

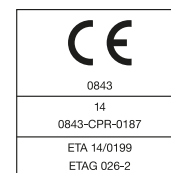
Testing and certification

- Extensive testing to EN 1366-3: 2009 providing up to 4 hours fire resistance around plastic pipes, metal pipes with combustible insulation and bunched cables
- Fire Classification to EN 13501-2 and CE Mark (ETA 14/0060)
- Mechanical and durability testing to ETAG 026-2
- Third party product certification with UL International (Certificate # UL-EU-00513-A1)

For detailed seal specifications please refer to Technical Data Sheet.

Also available in 25m rolls or supplied cut to size as Firebreak FX200 Pipe Wraps

Since the product is applied under circumstances beyond our control, Neutron Fire Technologies Limited can accept no direct or consequential liability whether in contract or in tort, for the interpretations of such recommendations and reserves the right to modify the recommendations as necessary.



Fireclamp S200 Pipe Wrap/Sealstrip

DESCRIPTION

Fireclamp S200 Pipe Wraps are a range of flexible devices designed to be fitted around plastic pipes within the depth of the fire separating wall or floor construction. Under fire conditions the intumescent material within the Wrap expands to crush the softening pipe and fill the resultant opening, thereby maintaining the fire integrity and insulation performance of the floor or wall. Fireclamp S200 Sealstrip is a 10 metre long strip of the special intumescent material that can be cut to the required length and number of layers and wound around the pipe before being securely taped together.

APPLICATIONS

- Plastic pipes penetrating fire separating walls
- Plastic pipes penetrating fire separating floors

CHARACTERISTICS AND FEATURES

Fireclamp S200 Pipe Wraps consist of an easy to fix plastic sleeve containing a tough flexible intumescent sheet material and offering up to 240 minutes fire resistance. Fireclamp S200 Sealstrip is a 10 metre length roll of the special intumescent material. Features include:

- Seal ranges offering **up to 4 hours' fire resistance**
- Independently fire tested and assessed to the requirements of **BS 476 : Part 20 : 1987** and **BS EN 1366-3 : 2009**
- Fire tested in both horizontal and vertical orientations
- Manufactured to the requirements of BS EN ISO 9001
- Quick and Easy to fix with self-adhesive closing
- 'Hidden' fixing within the depth of the floor or wall construction
- Fast acting intumescent action
- Intumescent material unaffected by moisture or CO₂
- Can be used in conjunction with other **Fireclamp** fire seal materials [i.e. **Fireclamp Mortar**]



תקף בהצגת אישור ביצוע מחברת פילו קינמאט (התחלה מן פילו) בע"מ בלבד
 סלי לציוד רכיב 050-7754883