

Les normes et méthodes exigées au CNB et leur homologation

Décembre 2020

Brian McBain Représentant principal, Affaires réglementaires



Agenda

- **Système de certification canadien**
- **Les normes et le code de construction**
- **Les tests en laboratoire**
- **Les marques de certifications**
- **UL Product iQ**
- **Accès gratuit aux normes ULC**



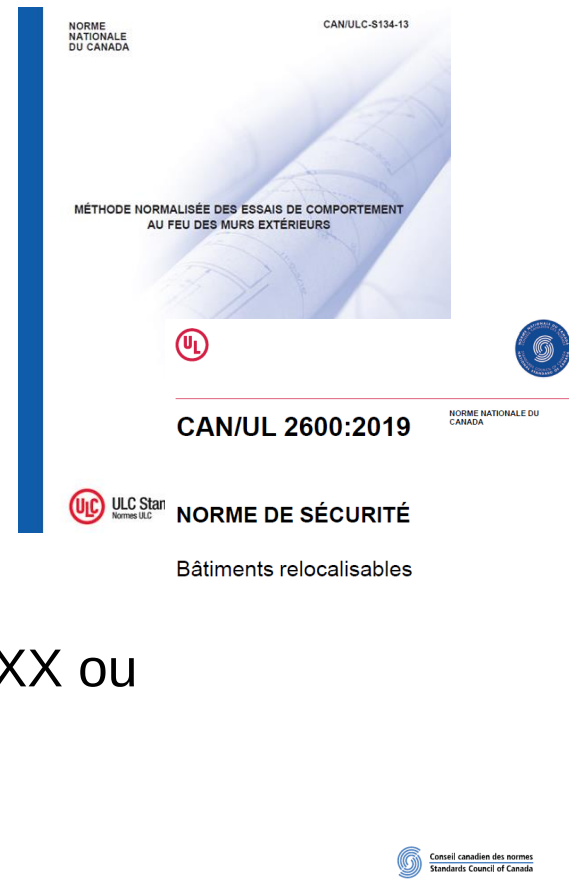
Système de certification canadien

- Organisme d'élaboration de normes
- Organisme de certification de produits, de procédés et de services
- Organisme d'inspection
- Laboratoires d'essais



Organisme d'élaboration de normes

- Normes ULC – Environ 450 normes publiées
 - Document reconnu = ULC/ORD-XXXX
 - Normes ULC = ULC XXXX
 - Normes nationales = CAN/ULC XXXX
- UL Standards – Environ 46 normes publiées
 - Normes nationales = CAN/UL XXXX
 - Normes binationales = ANSI/CAN/UL/ULC XXXX ou
= ANSI/CAN/UL XXX



Organisme de certification de produits, de procédés et de services

- Laboratoires des assureurs du Canada – ULC
 - Certification des produits pour performance, sécurité, ou sécurité incendie
 - Marque d'homologation – ULC Listed/homologué
- UL
 - Marque d'homologation – cUL Listed ou UL Certified



Organisme d'inspection

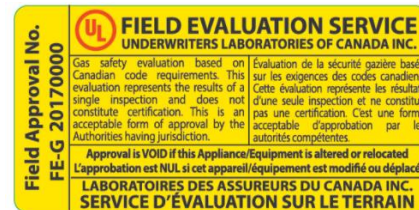
- Inspection et évaluation sur le terrain
 - Systèmes coupe-feu
 - Porte coupe-feu
 - Produits electric, gaz, et medicale



**Underwriters'
Laboratories of Canada®**

Laboratoires des Assureurs du Canada

**Qualified Firestop
Contractor Program**



Laboratoires d'essais

- Rapport d'évaluation
- Rapport de test

ULC Evaluation Report

ULC ER-R40268-R1.0

Issued Date: 2020-08-24

Revised: 2020-10-02

Visit UL's On-Line Certifications Directory:
www.ul.com/products for current status of report.

UL Category Code: ULEX7

CSI MasterFormat®

DIVISION: 07 21 00 THERMAL INSULATION
Sub Level : 07 21 19 – Foamed-In-Place Insulation

COMPANY:

SWD Urethane
540 Drew St.
Mesa, AZ USA
www.swdurethane.com

1. SUBJECT

SWD Quik-Shield 148 CDN

2. SCOPE OF EVALUATION

2015 National Building Code of Canada, NBCC (Sept. 28, 2018)

NBCC Division B, Part 5 Sentence 5.9.1.1.(1)	Environmental Separation Compliance with Applicable Standards
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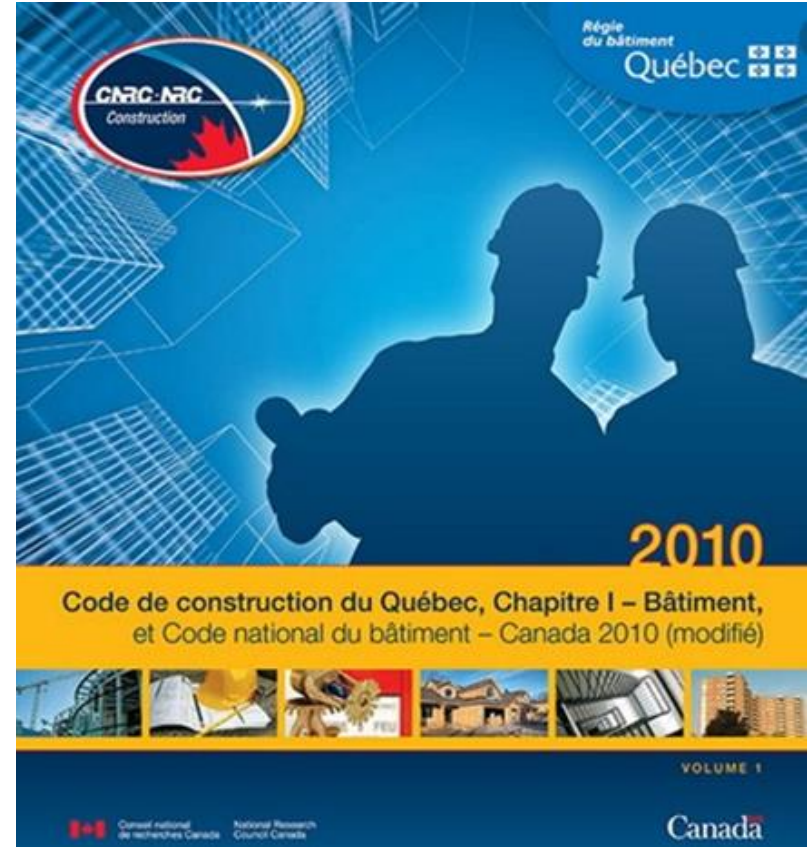
NBCC Division B, Part 9 Clause 9.25.2.2.(1) (h) Sentence 9.25.2.5.(1)	Housing and Small Buildings Insulation Materials Installation of Spray-Applied Polyurethane
---	---

The product was evaluated for the following properties:

- **Physical Properties (CAN/ULC-S705.1-15)**
- Surface Burning Characteristics (CAN/ULC S102)



Code de construction du Québec – Chapitre 1 – Bâtiment, et Code national du bâtiment – Canada 2010 (modifié)



Code de construction du Québec – Chapitre 1 – Bâtiment

3.7.1.1

Le degré de résistance au feu exigé pour un matériau, un assemblage de matériaux ou un élément structural doit être déterminé en fonction des résultats d'essais effectués conformément à la norme CAN/ULC-S101, « Résistance au feu pour les bâtiments et les matériaux de construction »



Code de construction du Québec – Chapitre 1 – Bâtiment

Le code du bâtiment exige que les composants combustibles des murs extérieurs dans certaines circonstances soient testés conformément à la norme CAN/ULC-S134.



Code de construction du Québec – Chapitre 1 – Bâtiment

3.1.9.1.(1) Coupe-feu

- Lorsque des pénétrations traversent une séparation coupe-feu.....
 - CAN/ULC-S115 - cote F, ou
 - Noyées dans le béton

3.1.9.1.(2)

- Lorsque des pénétrations traversent un mur coupe-feu ou une séparation coupe-feu horizontale....
 - CAN/ULC-S115 - cote FT



Test en Laboratoire - 1915



Test en Laboratoire



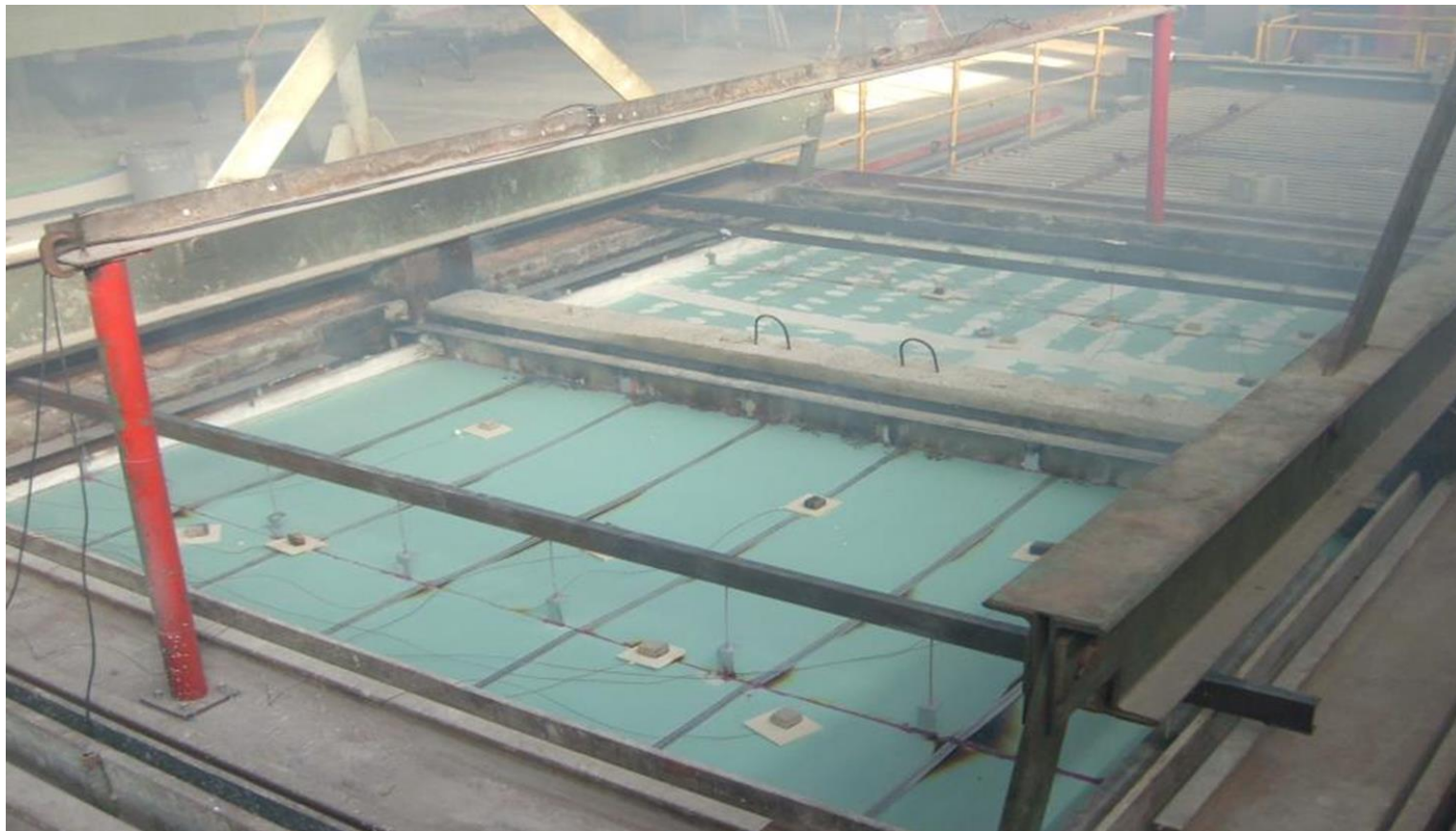
Test en Laboratoire



Test en Laboratoire – aujourd'hui



Test en Laboratoire – aujourd'hui



Test en Laboratoire – aujourd'hui



Test en Laboratoire – aujourd'hui



Test en Laboratoire – aujourd'hui



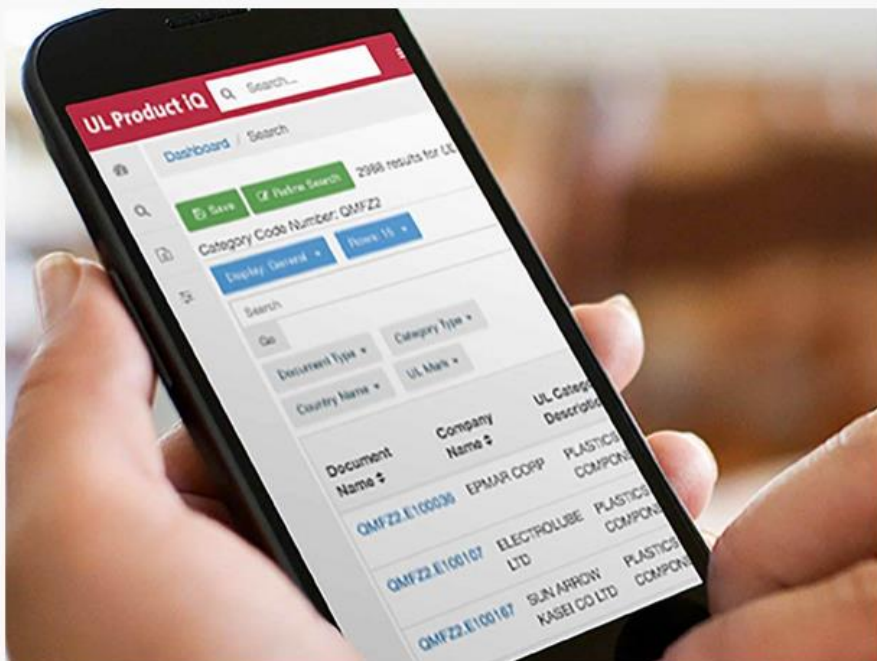
Test en Laboratoire – aujourd'hui



Les marques d'Homologation



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KEYWORD

s134Find all information for **s134**

STANDARD REFERENCES

CAN/ULC-S134

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Authorized Service Providers

Alarm Services

UL certifies alarm service providers for code compliance in a variety of categories. For more detailed category information, click on the four-character category codes shown below in parentheses by each category name.

Authorized Label Suppliers

▶ 2 Results :: *Standard References: CAN/ULC-S134*

Action ▾

Display: General ▾

Rows: 15 ▾

Document Name ⇅

Company Name ⇅

UL CCN Description ⇅

[FWFJ7.GuidelInfo](#)

Combustible Exterior Wall-cladding Systems Certified for Canada

[FWFL7.GuidelInfo](#)

Components for Combustible Exterior Wall-cladding Systems Certified for Canada

«

1

»



DETAILS

UL Category (CCN): [FWFJ7](#) 

Document Type: Guide Info

Parent Category (CCN): [FWFF7](#) 

RESOURCES

 [View UL Certified Products](#)

 [Guide Info \(FWFF7\)](#)

TAGS

Add Tag

Document

[Exterior Wall Systems and Components Certified for Canada] Combustible Canada

[See General Information for Exterior Wall Systems and Components Certified for Canada](#)

GENERAL

This category covers combustible exterior wall-cladding systems that are attached to the outside of building walls and intended to be used in accordance with the "National Building Code of Canada" (NBCC).

In order to be eligible for certification, combustible exterior cladding is required to:

1. restrict flaming on or in the wall assembly so that it does not spread more than 5 m above an opening 2.5 m $\pm$ 0.1 m wide by 1.4 m above the edge of a wall assembly that is not less than 5 m wide and not less than 10 m high, and
2. have the heat flux during the flame exposure on the wall assembly be such that it does not exceed 35 kW/m² at a height of 3.5 m



▶ 6 Results :: *UL Category Control Number: FWFJ7 :: Document Type: Not Guide Info*

Action ▼

Display: General ▼

Rows: 15 ▼

Document Name ↕	Company Name ↕	UL CCN Description ↕
FWFJ7.CW10	Centria, a division of NCI Group, Inc	Combustible Exterior Wall-cladding Systems Certified for Canada
FWFJ7.CW11	Centria, a division of NCI Group, Inc	Combustible Exterior Wall-cladding Systems Certified for Canada
FWFJ7.CW12	IKO INDUSTRIES LTD	Combustible Exterior Wall-cladding Systems Certified for Canada
FWFJ7.CW5	3A COMPOSITES USA INC	Combustible Exterior Wall-cladding Systems Certified for Canada
FWFJ7.CW7	Eternit (Schweiz) AG	Combustible Exterior Wall-cladding Systems Certified for Canada
FWFJ7.CW8	NORBEC ARCHITECTURAL	Combustible Exterior Wall-cladding Systems Certified for Canada

CAN/ULC-S134, Système homologué CW10

FWFJ7 - Combustible Exterior Wall-cladding Systems Certified for Canada

[See General Information for Combustible Exterior Wall-cladding Systems Certified for Canada](#)

Item 5 = Revêtement de gypse

Item 6 = Profilé en acier

Item 7 = Revêtement de gypse

Item 8 = Composant pour systèmes de revêtement mural extérieur combustible

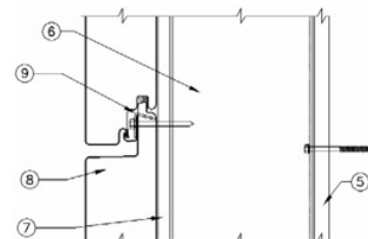
Item 9 = Attaches

Item 10 = Joint en caoutchouc

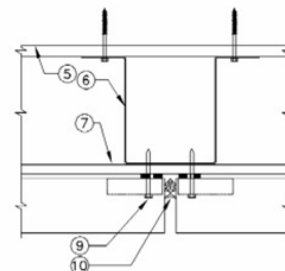
System No. CW10

September 13, 2017

COMBUSTIBLE EXTERIOR WALL CLADDING SYSTEM



Cross-Section of Horizontal Joint



Cross-Section of Vertical Joint



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Authorized Service Providers



Alarm Services

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Authorized Label Suppliers

▶ 7 Results :: Keyword: w407

Action ▼

Display: General ▼

Rows: 15 ▼

Document Name ↕	Company Name ↕	UL CCN Description ↕
BXUV.W407	GEORGIA-PACIFIC GYPSUM L L C	Fire-resistance Ratings - ANSI/UL 263 Fire-resistance Ratings - CAN/ULC-S101 Certified for Canada
BXUVC.W407	CGC INC OWENS CORNING UNITED STATES GYPSUM CO	Fire-resistance Ratings
CKNXC.R1319	UNITED STATES GYPSUM CO	Wallboard
CKNX.R2717	GEORGIA-PACIFIC GYPSUM L L C	Gypsum Board
CKNX7.R2717	GEORGIA-PACIFIC GYPSUM L L C	Gypsum Board Certified for Canada
BZJZC.R3576	OWENS CORNING	Batts and Blankets
CIKV.R21612	KINETICS NOISE CONTROL INC	Framing Members

CAN/ULC-S101, Système homologué W407

Design No. W407

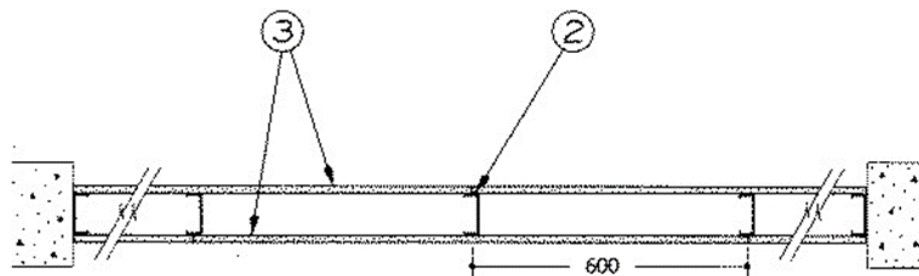
April 03, 2018

Assembly Rating - 1

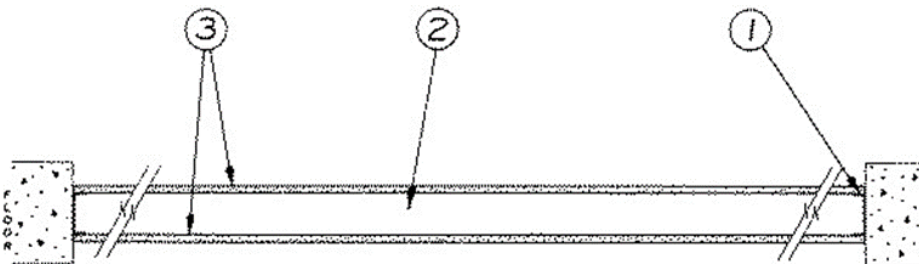
Item 1 = Lisse et sablière

Item 2 = Montant métallique

Item 3 = Panneau de gypse



HORIZONTAL SECTION



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Authorized Service Providers



Alarm Services

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Authorized Label Suppliers

Fire Rated Roofs, Walls, Floors, Beams and Columns for Canada

This category covers roof-ceilings, walls and partitions, floor-ceilings, beams and columns certified to Canadian based requirements for an hourly fire-resistance rating per CAN/ULC S101.

Fire-rated Grease Duct Assemblies

Covers the fire-resistive performance of grease duct assemblies investigated to UL 2221, "Tests of Fire Resistive Grease Duct Enclosure Assemblies," and/or ASTM E2336-04, "Standard Test Methods For Fire Resistive Grease Duct Enclosures.

Fire-rated Ventilation Duct Assemblies

This category covers the fire-resistive performance of ventilation duct assemblies. These assemblies are investigated with respect to their ability to resist the spread of fire from one compartment to another without the aid of fire dampers.

Fire-resistance Ratings of Structural Steel Used in Petrochemical Facilities

This category covers hourly fire-resistance ratings of steel columns investigated using a rapid rise fire exposure in accordance with UL 1709 and intended for use in petrochemical facilities.

Firestop Systems

Covers firestop systems certified to US based requirements, which consist of a wall or floor assembly, a penetrating item passing through an opening in the assembly, and the materials designed to prevent the spread of fire through the openings.

Firestop Systems for Canada

Covers firestop systems certified to Canadian requirements, which consist of a wall or floor assembly, a penetrating item passing through an opening in the assembly, and the materials designed to prevent the spread of fire through the openings.

REFINE RESULTS

build or filter your results by keyword and/or adding criteria like document type, file number and country name.

Search Template Firestop Systems for Canada

Keyword

System Number

System Type

Through-Penetration Firestop System Firestop System

Assembly Type

Penetrating Item

FT Rating

< 1 hr

(3604)

≥ 1, < 2 hr

(1454)

≥ 2, < 3 hr

(907)

≥ 3, < 4 hr

(181)

≥ 4 hr

(25)

Company Name

6883 Results :: Base Template: Firestop Systems for Canada :: No Search Criteria

Display: General

Rows: 15

Document Name ⇅	Company Name ⇅	UL CCN Description ⇅
XHEZ7.C-AJ-0001	Dow Silicones Corp	Through-penetration Firestop Systems Certified for Canada
XHEZ7.C-AJ-0002	Dow Silicones Corp	Through-penetration Firestop Systems Certified for Canada
XHEZ7.C-AJ-0004	HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC	Through-penetration Firestop Systems Certified for Canada
XHEZ7.C-AJ-0005	SPECIFIED TECHNOLOGIES INC	Through-penetration Firestop Systems Certified for Canada
XHEZ7.C-AJ-0006	SPECIFIED TECHNOLOGIES INC	Through-penetration Firestop Systems Certified for Canada
XHEZ7.C-AJ-0007	3M COMPANY	Through-penetration Firestop Systems Certified for Canada
XHEZ7.C-AJ-0009	3M COMPANY	Through-penetration Firestop Systems Certified for Canada
XHEZ7.C-AJ-0011	TREMCO INC	Through-penetration Firestop Systems Certified for Canada
XHEZ7.C-AJ-0012	RECTORSEAL	Through-penetration Firestop Systems Certified for Canada
XHEZ7.C-AJ-0014	SPECIFIED TECHNOLOGIES INC	Through-penetration Firestop Systems Certified for Canada
XHEZ7.C-AJ-0015	SPECIFIED TECHNOLOGIES INC	Through-penetration Firestop Systems Certified for Canada

DOW SILICONES INC

Through-penetration Firestop Systems Certified for Canada

DOW SILICONES INC

Through-penetration Firestop Systems Certified for Canada

HILTI LLC

Through-penetration Firestop Systems Certified for Canada

HILTI LLC

Through-penetration Firestop Systems Certified for Canada

REFINE RESULTS

Build or filter your results by keyword and/or adding criteria like document type, file number and country name.

Search Template Firestop Systems for Canada

Keyword

Filter by Keyword Search

System Number

Click to view and filter values

System Type

Click to view and filter values

Through-Penetration Firestop System

Click to view and filter values

Assembly Type

Click to view and filter values

Penetrating Item

Click to view and filter values

F Rating

Click to view and select a range of values

FH Rating

Click to view and select a range of values

FT Rating

≥ 2, < 3 hr

Dashboard Search

907 Results :: Base Template: Firestop Systems for Canada :: FT Rating: ≥2, <3 hr

Display: General

Rows: 15

Document Name	Company Name	UL CCN Description
XHEZ7.C-AJ-0001	Dow Silicones Corp	Through-penetration Firestop Systems Certified for Canada
XHEZ7.C-AJ-0002	Dow Silicones Corp	Through-penetration Firestop Systems Certified for Canada
XHEZ7.C-AJ-0005	SPECIFIED TECHNOLOGIES INC	Through-penetration Firestop Systems Certified for Canada
XHEZ7.C-AJ-0007	3M COMPANY	Through-penetration Firestop Systems Certified for Canada
XHEZ7.C-AJ-0012	RECTORSEAL	Through-penetration Firestop Systems Certified for Canada
XHEZ7.C-AJ-0014	SPECIFIED TECHNOLOGIES INC	Through-penetration Firestop Systems Certified for Canada
XHEZ7.C-AJ-0015	SPECIFIED TECHNOLOGIES INC	Through-penetration Firestop Systems Certified for Canada
XHEZ7.C-AJ-0022	CSL SILICONES INC	Through-penetration Firestop Systems Certified for Canada
XHEZ7.C-AJ-0043	Nelson Firestop	Through-penetration Firestop Systems Certified for Canada
XHEZ7.C-AJ-0047	SPECIFIED TECHNOLOGIES INC	Through-penetration Firestop Systems Certified for Canada
XHEZ7.C-AJ-0048	NUCO INC	Through-penetration Firestop Systems Certified for Canada
XHEZ7.C-AJ-0058	HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC	Through-penetration Firestop Systems Certified for Canada
XHEZ7.C-AJ-0061	SPECIFIED TECHNOLOGIES INC	Through-penetration Firestop Systems Certified for Canada
XHEZ7.C-AJ-0064	PASSIVE FIRE PROTECTION PARTNERS	Through-penetration Firestop Systems Certified for Canada
XHEZ7.C-AJ-0067	A/D FIRE PROTECTION SYSTEMS INC	Through-penetration Firestop Systems Certified for Canada

XHEZ7 - Through-penetration Firestop Systems Certified for Canada

[See General Information for Through-penetration Firestop Systems Certified for Canada](#)

System No. C-AJ-0058

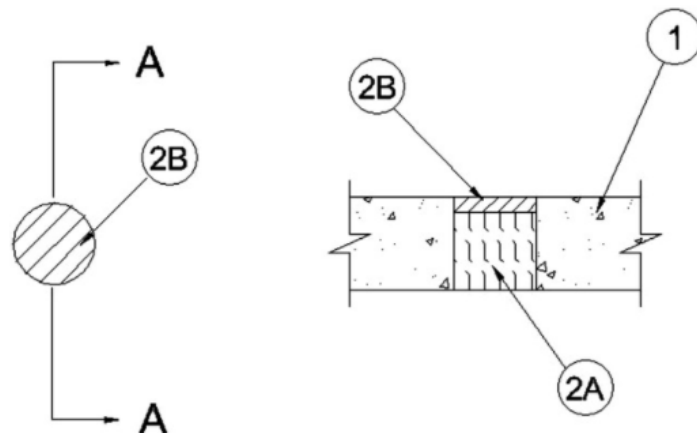
January 10, 2012

F Rating — 3 Hr

FT Rating — 2-3/4 Hr

FH Rating — 3 Hr

FTH Rating — 2-3/4 Hr



1. **Floor or Wall Assembly** — Min 4-1/2 in. (114 mm) thick floor or min 5-1/4 in. (133 mm) wall, reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete. Wall may also be constructed of any UL Classified **Concrete Blocks***. Max diam of opening is 4 in. (102 mm).

See **Concrete Blocks** (CAZT) category in the Fire Resistance Directory for names of manufacturers.

2. **Firestop System** — The firestop system shall consist of the following:

A. **Packing or Forming Materials** — Min 3-3/4 in. (95 mm) thickness of min 4 pcf (64 kg/m³) mineral wool batt insulation tightly packed into the opening as a permanent form. Packing material to be recessed from the top surface of floor or both surfaces of wall as required to accommodate the required thickness of putty.

B. **Fill, Void or Cavity Material* — Putty** — Min 3/4 in. (19 mm) thickness of putty applied within the annulus, flush with top surface of floor or with both surfaces of wall.

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CP 618 Firestop Putty Stick

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

[See General Information for Through-penetration Firestop Systems Certified for Canada](#)

System No. C-AJ-0058

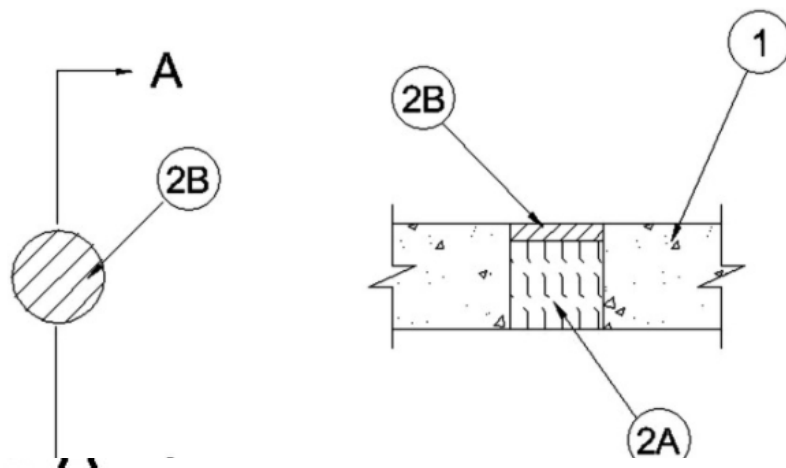
January 10, 2012

F Rating — 3 Hr

FT Rating — 2-3/4 Hr

FH Rating — 3 Hr

FTH Rating — 2-3/4 Hr



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HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CP 618 Firestop Putty Stick

Through-penetration Firestop Systems Certified for Canada

Guide Information for Fire-resistance Ratings Certified for Canada

GENERAL

This category covers firestop systems, which are specific constructions consisting of a wall or floor assembly, a penetrating item passing through an opening in the wall or floor assembly, and the materials designed to prevent the spread of fire through the opening. The specifications for materials in a firestop system and the assembly of the materials are details that directly relate to the established ratings. Information concerning these details is described in the individual systems. The hourly ratings apply only to the complete systems. Individual components are designated for use in a specific system to achieve specified ratings. The individual components are not assigned ratings and are not intended to be interchanged between systems. Additionally, the substitution or elimination of components required in a system should not be made unless specifically permitted in the individual system or in these general guidelines.

The firestop systems covered under this category have been investigated with a minimum positive furnace pressure differential of 2.5 Pa (0.01 in. of water) maintained at a distance of 305 mm (12 in.) below horizontal test assemblies and 20 mm (0.78 in.) below the fill materials surrounding the penetrating items passing through vertical test assemblies.

CAN/ULC-S115, "Standard Method of Fire Tests of Firestop Systems," defines the criteria for hourly F, FT, FH and FTH ratings, and an optional L rating for the firestop systems. The F rating criteria prohibits flame passage through the system. The FT rating criteria prohibits flame passage through the system and requires the maximum temperature rise on the unexposed surface of the wall or floor assembly, on the penetrating item and on the fill material not to exceed 181°C (325°F) above ambient. The FH rating criteria prohibits flame passage through the system and requires acceptable hose-stream performance. The FTH rating criteria combines all the requirements for the F, FT and FH ratings. The optional L rating criteria determines the amount of air leakage, in cu feet per minute per square foot of opening (CFM/sq ft), through the firestop system at ambient and/or 204°C (400°F) air temperature at an air-pressure differential of 75 Pa (0.30 in. of water). The L ratings are intended to assist Authorities Having Jurisdiction and others in determining the suitability of firestop systems for the protection of penetrations and miscellaneous openings in floors and smoke barriers for the purpose of restricting the movement of smoke in accordance with ANSI/NFPA 101, "Life Safety Code."

These firestop systems are intended for installation in heated and air-conditioned environments unless stated otherwise in the description of the system.

Materials used in the firestop systems are intended to be installed in accordance with the manufacturer's instructions provided with the materials. The fill, void or cavity material thickness published in the fire-resistance designs is measured wet and may be susceptible to a percentage of shrinkage during the curing process. Firestop systems are investigated after the fill, void or cavity materials are fully cured. Refer to the individual certifications under Fill, Void or Cavity Materials Certified for Canada (XHHW7) for the investigated percentage of shrinkage.

The minimum and/or maximum annular space referenced in the firestop system must be maintained in order to achieve the hourly rating of the system. The annular space of a penetrating item through a rectangular opening is determined by measuring the distance from the closest point of the penetrating item to a point perpendicular to each of the four sides of the opening. The diagonal dimension is not intended to represent the annular space of a rectangular opening. The annular space between multiple penetrating items within a rectangular opening is determined by measuring the closest point of one penetrating item to the closest point of the adjacent penetrating item.

The structural integrity of the floor or wall assembly should be investigated when providing openings for the penetrating items.

These systems are certified with respect to (1) installation in a wall only, (2) installation in a floor only, or (3) installation in either a wall or a floor. Unless otherwise indicated in the systems, the rating for firestop systems installed in walls apply when either face of the wall is exposed to fire. The ratings for firestop systems installed in a floor apply when the underside or ceiling surface is exposed to fire.

The hourly fire-endurance rating of the walls and floors incorporating these systems are not indicated. The hourly fire-endurance ratings of wall and floor assemblies are covered under Fire-resistance Ratings - CAN/ULC-S101 Certified for Canada (BXUV7). Firestop systems that specify installation in concrete floors may include installation in floors consisting of fluted or corrugated steel deck topped with structural concrete, provided that (1) the concrete topping thickness measured above the top plane of the steel deck is equal to or greater than the minimum concrete thickness specified in the system, and (2) the firestop system does not require any portion of the forming material or fill material to extend below the bottom plane of the floor.

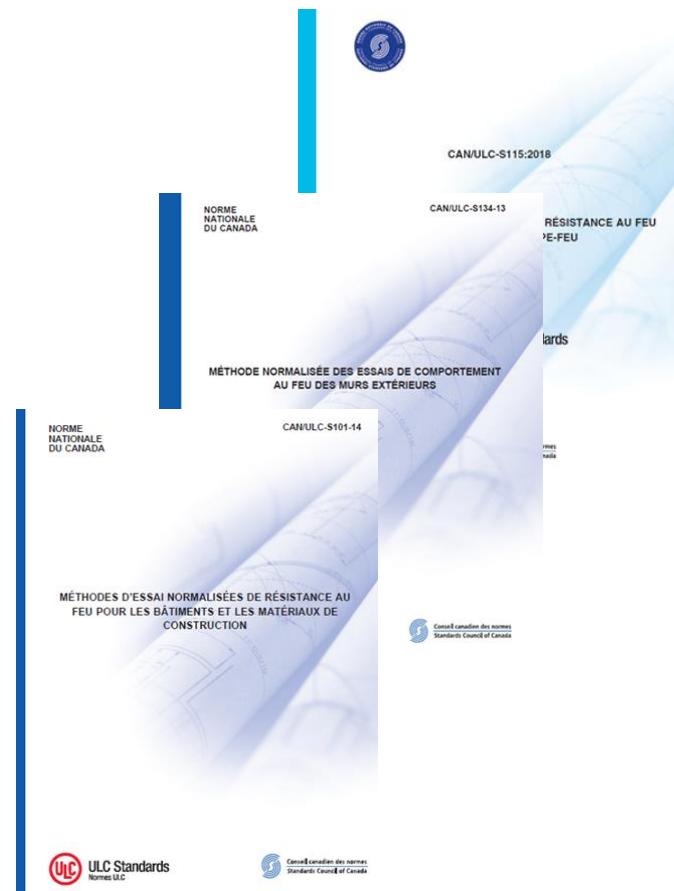
Some firestop systems specify the use of hollow-core precast concrete unit floor assemblies. Where not specified, firestop systems utilizing caulk, sealant, putty or spray materials installed over a mineral wool or ceramic blanket may be installed in hollow-core floors, provided that (1) the thickness of the hollow-core floor is equal to or greater than the minimum concrete thickness specified in the system, (2) the maximum size of the opening is 17.78 cm (7 in.) diameter or 17.78 cm (7 in.) by 17.78 cm (7 in.), and (3) any cores of the precast concrete units penetrated as a result of the firestop system are sealed with a minimum 10.16 cm (4 in.) depth of either firmly packed minimum 4 pcf mineral wool or ceramic fiber blanket, or concrete, grout or mortar. Additionally, firestop systems utilizing a firestop device or wrap strips/steel collar installed around the penetrant beneath the floor may be installed in hollow-core floors, provided that (1) the thickness of the hollow-core floor is equal to or greater than the minimum concrete thickness specified in the system, and (2) the maximum size of the opening is 17.78 cm (7 in.) diameter or 17.78 cm (7 in.) by 17.78 cm (7 in.).

Where the uninsulated penetrating item in the individual design is indicated as a metallic pipe, conduit, tube, duct or cable, and the firestop system consists at minimum of a fill material (such as sealants, putty or mortar), the penetrant may pass through the opening in the wall or floor assembly at any angle, provided the annular space is maintained on both sides of the wall or floor assembly and all other specifications in the design are satisfied. In all other cases, except where otherwise indicated in the system, the penetrating item should penetrate the wall or floor assembly at a 90° angle.

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Dupuis février 2019

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- www.shopulstandards.com





Liste Complète des Documents UL

★ Voir les meilleurs vendeurs

Quoi de neuf

Demander un devis

+ Informations sur la certification UL

+ UL élabore maintenant des normes pour le marché canadien (cliquez ici pour la liste)

Normes UL

Tout

S134

Chercher

Numéro de la norme

Mots clés

☐ SOMMAIRE

☐ ORD

APPROPRIATIONS

Toutes

★ Affichage des 25 meilleurs vendeurs

508A

Standard for Industrial Control Panels (Éd. 3)

UL

Edition Date: avril 24, 2018

Type: ulstd

★
RAPIDE
ACHETER

1741

Standard for Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources (Éd. 2)

UL

Edition Date: janvier 28, 2010

Type: ulstd

★
RAPIDE
ACHETER

2900-1

ANSI/CAN/UL Standard for Software Cybersecurity for Network-Connectable Products, Part1: General Requirements / Norme sur la Cybersécurité des logiciels pour les produits à connexion réseau, partie 1: exigences générales (Éd. 1)

UL

Edition Date: juillet 05, 2017

Type: ulstd

★
RAPIDE
ACHETER



Normes UL

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s134

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Affichage des résultats pour s134

5 Résultats

134

STANDARD METHOD OF FIRE TEST OF EXTERIOR WALL ASSEMBLIES

(Éd. 2)

ULC - Remplacé

Edition Date: août 01, 2013

Type: canulc

134

**STANDARD METHOD OF FIRE TEST OF EXTERIOR WALL ASSEMBLIES /
MÉTHODE NORMALISÉE DES ESSAIS DE COMPORTEMENT AU FEU DES
MURS EXTÉRIEURS (Éd. 2)**

ULC

Edition Date: août 01, 2013

Type: canulc

1340

Standard for Hoists (Éd. 3)

UL

Edition Date: octobre 14, 2016

Type: ulstd





ULC
Standard

MÉTHODE NORMALISÉE DES ESSAIS DE COMPORTEMENT AU FEU DES MURS EXTÉRIEURS

ULC Standard

CAN-ULC-S134-13-REV1

[Résumé](#)

Norme 134, édition 2

Date de l'édition : août 01, 2013

CAD 210,00 \$-265,00 \$?

Disponible en English, Français

Options d'achat

Obtenir des alertes de
mise à jour

En savoir plus sur le Service d'Alerte d'UL

Vue Numérique - Français

En savoir plus sur la Vue Numérique

Vue Numérique - Anglais

Gratuite d'UL

Révisions et documents connexes

ORD (0)

Propositions du CSDS (0)

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Autres mises à jour (0)



Connexion

Nom d'utilisateur :

Mot de passe :

[Mot de passe oublié?](#)

Connexion

Pas encore inscrit? [Créer un compte](#)

Vous devrez créer un compte même si vous avez un compte sur l'ancien site Comm 2000. Votre nouveau compte vous donnera accès aux alertes de normes, aux renouvellements d'abonnement et plus encore!





CAN/ULC-S134-13-RÉV1 (Incluant Révision 1)

MÉTHODE NORMALISÉE DES ESSAIS DE COMPORTEMENT AU FEU DES MURS EXTÉRIEURS



Sommaire

- **Système de certification canadien**
- **Les norms et le code de construction**
- **Les tests en laboratoire**
- **Les marques de certifications**
- **UL Product iQ**
- **Accès gratuit aux normes ULC**





Merci

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