



Canadian International  
Trade Tribunal

Tribunal canadien du  
commerce extérieur

CANADIAN  
INTERNATIONAL  
TRADE TRIBUNAL

# Dumping and Subsidizing

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## ORDER

Expiry review RR-2025-001

Carbon Steel Screws

*Order issued  
Wednesday, March 11, 2026*

IN THE MATTER OF an expiry review, pursuant to subsection 76.03(1) of the *Special Import Measures Act*, of the order made by the Canadian International Trade Tribunal on September 2, 2020, in expiry review RR-2019-002, continuing with amendment, its order made on January 5, 2015, in expiry review RR-2014-001, continuing, with amendment, its order made on January 6, 2010, in expiry review RR-2009-001, continuing, with amendment, its finding made on January 7, 2005, in inquiry NQ-2004-005, concerning:

**CARBON STEEL SCREWS ORIGINATING IN OR EXPORTED FROM THE  
PEOPLE’S REPUBLIC OF CHINA AND THE SEPARATE CUSTOMS  
TERRITORY OF TAIWAN, PENGHU, KINMEN AND MATSU**

**ORDER**

The Canadian International Trade Tribunal, pursuant to subsection 76.03(1) of the *Special Import Measures Act* (SIMA), has conducted an expiry review of its order made on September 2, 2020, in expiry review RR-2019-002, continuing with amendment, its order made on January 5, 2015, in expiry review RR-2014-001, continuing, with amendment, its order made on January 6, 2010, in expiry review RR-2009-001, continuing, with amendment, its finding made on January 7, 2005, in inquiry NQ-2004-005, concerning the dumping of certain carbon steel screws originating in or exported from the People’s Republic of China and the Separate Customs Territory of Taiwan, Penghu, Kinmen and Matsu (Chinese Taipei) and the subsidizing of such products originating in or exported from the People’s Republic of China, excluding carbon steel screws specifically designed for application in the automotive or aerospace industry and the products described in Appendix 1 to this order.

Pursuant to paragraph 76.03(12)(b) of SIMA, the Tribunal continues its order in respect of the aforementioned goods, excluding the products described in Appendix 2 to this order.

Cheryl Beckett  
\_\_\_\_\_  
Cheryl Beckett  
Presiding Member

Eric Wildhaber  
\_\_\_\_\_  
Eric Wildhaber  
Member

Elizabeth Whitsitt  
\_\_\_\_\_  
Elizabeth Whitsitt  
Member

The statement of reasons will be issued within 15 days.

**APPENDIX 1: PRODUCTS EXCLUDED IN NQ-2004-005, RR-2009-001, RR-2014-001, RD-2016-001, RD-2016-003 AND RR-2019-002**

All carbon steel screws that are listed below are *specifically excluded*.

- Acoustic lag screws (*Tire-fond anti-acoustiques*)
- Aster screws (*Vis Aster*)
- Chicago screws (*Vis « Chicago » [pour reliures]*)
- Collated screws (*Vis sur bande*)
- Connector screws (kd) (*Vis de connexion [démontables]*)
- Decor screws (*Vis de décoration*)
- Drawer handle screws (*Vis de poignée de tiroir*)
- Drive spikes RR (*Crampons torsadés CF*)
- Euro screws (*Eurovis*)
- Hex socket cap screws (*Vis creuses à tête hexagonale*)
- Instrument screws (*Vis d'instrument*)
- Knurled head screws (*Vis à tête moletée*)
- Machine screws with wings (*Vis mécaniques à oreilles*)
- Optical screws (*Vis d'optométrie*)
- Screw spikes RR (*Tire-fond CF*)
- Security screws (*Vis de fixation*)
- Self-clinching studs (*Goujons autoriveurs*)
- Socket cap screws (*Vis filetées sous tête, à tête creuse*)
- Socket set screws (*Vis de réglage à tête creuse*)
- Square-head set screws (*Vis de réglage à tête carrée*)
- Thumb screws (*Vis de serrage*)
- U-drive screws (*Vis de type U*)
- Wing screws (*Vis à oreilles*)
- Screws imported under tariff item Nos. 9952.00.00, 9964.00.00, 9969.00.00, 9972.00.00 and 9973.00.00 for use in the manufacture of snowmobiles, all-terrain vehicles, personal watercraft and three-wheeled motorcycles (*Vis importées dans les numéros tarifaires 9952.00.00, 9964.00.00, 9969.00.00, 9972.00.00 et 9973.00.00 devant servir dans la fabrication de motoneiges, de véhicules tout-terrain, de motomarines et de motocyclettes à trois roues*)
- R4™ screws marketed by GRK Canada Limited which have the features and characteristics described in Canadian patent numbers 2 267 572 and 2 198 832 and a Climatek™ coating which is certified to meet the ICC Evaluation Service, Inc. (ICC-ES) “Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatment Chemicals” (AC257); or equivalent (*Vis R4<sup>MC</sup> commercialisées par GRK Canada Limited, ayant les caractéristiques et éléments énoncés aux numéros de brevet canadiens 2 267 572 et 2 198 832 et un enduit Climatek<sup>MC</sup>, celui-ci respectant les exigences de la norme « Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatment Chemicals » (AC257) du ICC Evaluation Service, Inc. (ICC-ES); ou l'équivalent*)

- RSS™ rugged structural screws marketed by GRK Canada Limited which have the features and characteristics described in Canadian patent numbers 2 267 572 and 2 140 472 and a Climatek™ coating which is certified to meet the ICC-ES “Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatment Chemicals” (AC257); or equivalent (*Vis de construction durables RSS<sup>MC</sup> commercialisées par GRK Canada Limited, ayant les caractéristiques et éléments énoncés aux numéros de brevet canadiens 2 267 572 et 2 140 472 et un enduit Climatek<sup>MC</sup>, celui-ci respectant les exigences de la norme « Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatment Chemicals » (AC257) du ICC Evaluation Service, Inc. (ICC-ES); ou l'équivalent*)
- MSS™ zip tip metal siding screws marketed by GRK Canada Limited which have the features and characteristics described in Canadian patent numbers 2 267 572 and 2 478 635 and a Climatek™ coating which is certified to meet the ICC-ES “Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatment Chemicals” (AC257); or equivalent (*Vis à pointe zip tip pour bardage en métal MSS<sup>MC</sup> commercialisées par GRK Canada Limited, ayant les caractéristiques et éléments énoncés aux numéros de brevet canadiens 2 267 572 et 2 478 635 et un enduit Climatek<sup>MC</sup>, celui-ci respectant les exigences de la norme « Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatment Chemicals » (AC257) du ICC Evaluation Service, Inc. (ICC-ES); ou l'équivalent*)
- MSS™ drill tip metal siding screws marketed by GRK Canada Limited which have the features and characteristics described in Canadian patent numbers 2 267 572 and 2 478 635 and a Climatek™ coating which is certified to meet the ICC-ES “Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatment Chemicals” (AC257); or equivalent (*Vis à pointe perçante pour bardage en métal MSS<sup>MC</sup> commercialisées par GRK Canada Limited, ayant les caractéristiques et éléments énoncés aux numéros de brevet canadiens 2 267 572 et 2 478 635 et un enduit Climatek<sup>MC</sup>, celui-ci respectant les exigences de la norme « Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatment Chemicals » (AC257) du ICC Evaluation Service, Inc. (ICC-ES); ou l'équivalent*)
- Pan™ head screws marketed by GRK Canada Limited which have the features and characteristics described in Canadian patent number 2 267 572 and a Climatek™ coating which is certified to meet ICC-ES “Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatment Chemicals” (AC257); or equivalent (*Vis à tête Pan<sup>MC</sup> commercialisées par GRK Canada Limited, ayant les caractéristiques et éléments énoncés au numéro de brevet canadien 2 267 572 et un enduit Climatek<sup>MC</sup>, celui-ci respectant les exigences de la norme « Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatment Chemicals » (AC257) du ICC Evaluation Service, Inc. (ICC-ES); ou l'équivalent*)
- Cabinet™ screws marketed by GRK Canada Limited which have the features and characteristics described in Canadian patent number 2 267 572 and a Climatek™ coating which is certified to meet ICC-ES “Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatment Chemicals” (AC257); or equivalent (*Vis Cabinet<sup>MC</sup> commercialisées par GRK Canada Limited, ayant les caractéristiques et éléments énoncés au numéro de brevet canadien 2 267 572 et un enduit Climatek<sup>MC</sup>, celui-ci respectant les exigences de la norme « Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatment Chemicals » (AC257) du ICC Evaluation Service, Inc. (ICC-ES); ou l'équivalent*)

- FIN/Trim™ head screws marketed by GRK Canada Limited which have the features and characteristics described in Canadian patent number 2 267 572 and a Climatek™ coating which is certified to meet ICC-ES “Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatment Chemicals” (AC257); or equivalent (*Vis à tête FIN/Trim<sup>MC</sup> commercialisées par GRK Canada Limited, ayant les caractéristiques et éléments énoncés au numéro de brevet canadien 2 267 572 et un enduit Climatek<sup>MC</sup>, celui-ci respectant les exigences de la norme « Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatment Chemicals » (AC257) du ICC Evaluation Service, Inc. (ICC-ES); ou l'équivalent*)
- White FIN/Trim™ head screws marketed by GRK Canada Limited which have the features and characteristics described in Canadian patent number 2 267 572 and a Climatek™ coating which is certified to meet ICC-ES “Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatment Chemicals” (AC257); or equivalent (*Vis à tête White FIN/Trim<sup>MC</sup> commercialisées par GRK Canada Limited, ayant les caractéristiques et éléments énoncés au numéro de brevet canadien 2 267 572 et un enduit Climatek<sup>MC</sup>, celui-ci respectant les exigences de la norme « Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatment Chemicals » (AC257) du ICC Evaluation Service, Inc. (ICC-ES); ou l'équivalent*)
- RT Composite™ Trim™ head screws marketed by GRK Canada Limited which have the features and characteristics described in Canadian patent number 2 267 572 and a Climatek™ coating which is certified to meet ICC-ES “Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatment Chemicals” (AC257); or equivalent (*Vis à tête RT Composite<sup>MC</sup> Trim<sup>MC</sup> commercialisées par GRK Canada Limited, ayant les caractéristiques et éléments énoncés au numéro de brevet canadien 2 267 572 et un enduit Climatek<sup>MC</sup>, celui-ci respectant les exigences de la norme « Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatment Chemicals » (AC257) du ICC Evaluation Service, Inc. (ICC-ES); ou l'équivalent*)
- White RT Composite™ Trim™ head screws marketed by GRK Canada Limited which have the features and characteristics described in Canadian patent number 2 267 572 and a Climatek™ coating which is certified to meet ICC-ES “Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatment Chemicals” (AC257); or equivalent (*Vis à tête White RT Composite<sup>MC</sup> Trim<sup>MC</sup> commercialisées par GRK Canada Limited, ayant les caractéristiques et éléments énoncés au numéro de brevet canadien 2 267 572 et un enduit Climatek<sup>MC</sup>, celui-ci respectant les exigences de la norme « Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatment Chemicals » (AC257) du ICC Evaluation Service, Inc. (ICC-ES); ou l'équivalent*)
- Vinyl Window™ screws marketed by GRK Canada Limited which have the features and characteristics described in Canadian patent number 2 267 572 and a Climatek™ coating which is certified to meet ICC-ES “Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatment Chemicals” (AC257); or equivalent (*Vis Vinyl Window<sup>MC</sup> commercialisées par GRK Canada Limited, ayant les caractéristiques et éléments énoncés au numéro de brevet canadien 2 267 572 et un enduit Climatek<sup>MC</sup>, celui-ci respectant les exigences de la norme « Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatment Chemicals » (AC257) du ICC Evaluation Service, Inc. (ICC-ES); ou l'équivalent*)

- Caliburn™ concrete screws marketed by GRK Canada Limited which have the features and characteristics described in Canadian patent number 2 267 572 and a Climatek™ coating which is certified to meet ICC-ES “Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatment Chemicals” (AC257); or equivalent (*Vis pour béton Caliburn<sup>MC</sup> commercialisées par GRK Canada Limited, ayant les caractéristiques et éléments énoncés au numéro de brevet canadien 2 267 572 et un enduit Climatek<sup>MC</sup>, celui-ci respectant les exigences de la norme « Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatment Chemicals » (AC257) du ICC Evaluation Service, Inc. (ICC-ES); ou l'équivalent*)
- Kameleon™ composite deck screws marketed by GRK Canada Limited which have the features and characteristics described in Canadian patent number 2 267 572 and a Climatek™ coating which is certified to meet ICC-ES “Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatment Chemicals” (AC257); or equivalent (*Vis pour terrasses en matériaux composites Kameleon<sup>MC</sup> commercialisées par GRK Canada Limited, ayant les caractéristiques et éléments énoncés au numéro de brevet canadien 2 267 572 et un enduit Climatek<sup>MC</sup>, celui-ci respectant les exigences de la norme « Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatment Chemicals » (AC257) du ICC Evaluation Service, Inc. (ICC-ES); ou l'équivalent*)
- Sharp-pointed drywall screws with diameters ranging from #6 to #7, lengths ranging from 0.4375 in. to 2.25 in., with a coarse, fine or high-low thread, with a bugle, flat, pan, truss or wafer head, with a Phillips driver and a black phosphate or standard zinc finish (*Vis pointue à cloison sèche dont le diamètre varie de #6 à #7 et la longueur de 0.4375 po à 2.25 po, ayant un filet normal, fin ou « haut-bas » (high-low), une tête Phillips évasée, plate, cylindrique bombée, bombée ou mince, et un enduit de phosphate noir ou de zinc standard*)
- Self-drilling drywall screws with diameters ranging from #6 to #7, lengths ranging from 0.4375 in. to 2.25 in., with a fine thread, with a bugle, flat, flat truss, pan, pancake, truss or wafer head, with a Phillips driver and a black phosphate or standard zinc finish (*Vis autoperceuses à cloison sèche dont le diamètre varie de #6 à #7 et la longueur de 0.4375 po à 2.25 po, ayant un filet fin, une tête Phillips évasée, plate, plate bombée, cylindrique bombée, « galette », bombée ou mince, et un enduit de phosphate noir ou de zinc standard*)
- TOPLoc™ or Splitstop™ composite decking fasteners for exclusive use in conjunction with TimberTech® composite material decking systems (*Pièces d'attache pour terrasses en matériaux composites TOPLoc<sup>MC</sup> ou Splitstop<sup>MC</sup> devant être utilisées exclusivement avec les systèmes de terrasses en matériaux composites TimberTech<sup>MD</sup>*)
- Titen HD™ (THD) heavy-duty carbon steel screw anchors for concrete, manufactured for and imported by Simpson Strong-Tie, bearing Canadian trademark number TMA614622 and Canadian patent number CA2349358, with diameters of between 0.25 in. (1/4 in.) and 0.375 in. (3/8 in.), inclusive (i.e. between 6.35 mm and 9.525 mm, inclusive), and lengths of between 1.25 in. and 8.00 in., inclusive (i.e. between 31.75 mm and 203.2 mm, inclusive), tested or assessed in accordance with one or more of: ASTM E488 (“Standard Test Methods for Strength of Anchors in Concrete and Masonry Elements”); AC106 (“Acceptance Criteria for Predrilled Fasteners (Screw Anchors) in Masonry Elements”); AC193 (“Acceptance Criteria for Mechanical Anchors in Concrete Elements”); or ACI 355.2/ACI 355.2R (“Qualification of Post-Installed Mechanical Anchors in Concrete”) as amended or replaced from time to time (*Vis d'ancrage en acier au carbone robuste Titen HD<sup>MC</sup> (THD) pour le béton, fabriquées pour Simpson Strong-Tie et importées par celle-ci, portant le numéro d'enregistrement de marque de commerce canadien TMA614622 et le numéro de brevet canadien CA2349358, dont le diamètre varie de 0,25 po (1/4 de po) à 0,375 po (3/8 po), inclusivement (6,35 mm à 9,525 mm, inclusivement), et la longueur de 1,25 po à 8,00 po, inclusivement (31,75 mm à 203,2 mm, inclusivement), testées ou évaluées*)

*selon l'une ou plusieurs des normes suivantes : ASTM E488 (« Standard Test Methods for Strength of Anchors in Concrete and Masonry Elements »), AC106 (« Acceptance Criteria for Predrilled Fasteners (Screw Anchors) in Masonry Elements »), AC193 (« Acceptance Criteria for Mechanical Anchors in Concrete Elements ») ou ACI 355.2/ACI 355.2R (« Qualification of Post-Installed Mechanical Anchors in Concrete »), telles que modifiées ou remplacées de temps à autre)*

- Shoulder bolts made of steel, grade 5, and zinc-plated, with a hexagonal head, an unthreaded cylindrical shoulder section ranging from 1/4 inch to 3/4 inch in diameter, and a threaded section that is smaller in diameter than the shoulder ranging from 3/8 inch to 7/8 inch in length and between 10-24 and 5/8-11 in common thread sizes (*Boulons à épaulement en acier, grade 5, revêtus de zinc, constitués d'une tête hexagonale, d'un épaulement cylindrique non fileté dont le diamètre varie de 1/4 de pouce à 3/4 de pouce et d'une section filetée dont le diamètre est inférieur à celui de l'épaulement, dont la longueur varie de 3/8 de pouce à 7/8 de pouce et dont la taille de filet commun varie de 10-24 à 5/8-11*)
- Squeeeeeek No More® square-drive wood screws, manufactured by or on behalf of O'Berry Enterprises Inc. under U.S. patent Nos. 5,371,992, 5,372,466 or 6,250,186, for use in wood flooring, with scoring above the threaded portion of the screw that allows the upper portion of the screw and head to be easily broken off, 3" or 3.5" in length, of a #8 or #9 diameter, threaded in part with 8 threads per inch and in part with 9 threads per inch, with the remainder unthreaded, and covered in a Gleitmo 615 lubricant coating (or equivalent coating) and imported in packages of 500 screws or less (*Vis à bois à empreinte carrée Squeeeeeek No More®, fabriquées par O'Berry Enterprises Inc. ou au nom de celle-ci en vertu des brevets américains no 5 371 992, 5 372 466 ou 6 250 186, pour les planchers de bois, dont la partie supérieure de la tige est amincie pour que la tête puisse facilement être enlevée, de 3 à 3,5 pouces de longueur, de calibre 8 ou 9, à filetage partiel de 8 filets par pouce et de 9 filets par pouce, le reste de la tige n'étant pas filetée, enduites de lubrifiant Gleitmo 615 (ou enduit équivalent) et importées en paquets d'au plus 500 vis*)
- Screws designed by 1833236 Ontario Inc. d.b.a. U2 Fasteners and marketed under the trade name Construction Screw™, which have the features and characteristics described in Canadian patent number 2 979 899, a U-Gold™ coating, and are certified to comply with the most recent versions of the International Building Code® and the International Residential Code® and recognized for use in wood chemically treated with waterborne alkaline copper quaternary, type D (ACQ-D); or equivalent (*Vis conçues par 1833236 Ontario Inc. s/n U2 Fasteners et commercialisées sous la marque Construction Screw<sup>MC</sup>, ayant les caractéristiques et éléments énoncés au numéro de brevet canadien 2 979 899, un revêtement U-Gold<sup>MC</sup> et qui sont certifiées conformes aux versions les plus récentes du International Building Code<sup>MD</sup> et du International Residential Code<sup>MD</sup> et reconnues pour être utilisées avec du bois traité chimiquement au cuivre alcalin quaternaire par procédé hydrique, type D (ACQ-D), ou l'équivalent*)
- Screws designed by 1833236 Ontario Inc. d.b.a. U2 Fasteners and marketed under the trade name Vinyl Extrusion Screw™, which have the features and characteristics described in Canadian patent number 2 979 899 and a proprietary coating; or equivalent (*Vis conçues par 1833236 Ontario Inc. s/n U2 Fasteners et commercialisées sous la marque Vinyl Extrusion Screw<sup>MC</sup>, ayant les caractéristiques et éléments énoncés au numéro de brevet canadien 2 979 899 et un revêtement exclusif, ou l'équivalent*)
- Composite deck screws with a dual coarse thread design, a counter boring head, a #20 TORX® ttap® drive and in lengths of 2.5 in. or 3 in., packaged together with color matched plugs made from the same material as the deck boards, and a setting tool designed to drive the screw to the appropriate level below the surface of the board, as part of the Cortex® Hidden Fastening System for Decking; or equivalent (*Vis pour terrasses en matériaux composites à double filetage normal, ayant une tête qui s'enfonce, une empreinte #20 TORX<sup>MD</sup> ttap<sup>MD</sup>, de 2,5 po ou 3 po de longueur, empaquetées ensemble avec des bouchons de couleur correspondante faits des mêmes matériaux que ceux de la terrasse, et un outil pour la pose conçu pour*)

*faire pénétrer la vis à la profondeur voulue dans la planche, le tout faisant partie du Cortex<sup>MD</sup> Hidden Fastening System for Decking, ou l'équivalent)*

- PVC trim screws with a dual coarse thread design, a counter boring head, a #20 TORX<sup>®</sup> ttap<sup>®</sup> drive and in lengths of 2 in. or 2.75 in., packaged together with color matched plugs made from the same material as the PVC trim, and a setting tool designed to drive the screw to the appropriate level below the surface of the trim, as part of the Cortex<sup>®</sup> Hidden Fastening System for PVC Trim; or equivalent (*Vis pour moulures en PVC à double filetage normal, ayant une tête qui s'enfonce, une empreinte #20 TORX<sup>MD</sup> ttap<sup>MD</sup>, de 2 po ou 2,75 po de longueur, empaquetées ensemble avec des bouchons de couleur correspondante faits des mêmes matériaux que ceux des moulures en PVC, et un outil pour la pose conçu pour faire pénétrer la vis à la profondeur voulue dans la moulure, le tout faisant partie du Cortex<sup>MD</sup> Hidden Fastening System for PVC Trim, ou l'équivalent)*)
- Fascia board screws with a coarse thread design, a flat head, a #20 TORX<sup>®</sup> ttap<sup>®</sup> drive and in a length of 1.75 in., packaged together with color matched plugs made from the same material as the fascia board, a counterbore tool designed to create a hole for the screw and plug, and a setting tool designed to drive the screw to the appropriate level below the surface of the board, as part of the Cortex<sup>®</sup> Hidden Fastening System for Fascia; or equivalent (*Vis pour planches de bordure à filetage normal, ayant une tête plate, une empreinte #20 TORX<sup>MD</sup> ttap<sup>MD</sup>, de 1,75 po de longueur, empaquetées ensemble avec des bouchons de couleur correspondante faits des mêmes matériaux que ceux des planches de bordure, un outil à lamer conçu pour percer un trou pour la vis et le bouchon, et un outil pour la pose conçu pour faire pénétrer la vis à la profondeur voulue dans la planche, le tout faisant partie du Cortex<sup>MD</sup> Hidden Fastening System for Fascia, ou l'équivalent)*)
- TrapEase<sup>®</sup> 3 composite deck screws with a dual coarse thread design, a color matched counter boring head, a #20 TORX<sup>®</sup> ttap<sup>®</sup> drive and in lengths of 2.5 in. or 3 in., packaged together with a driver bit; or equivalent (*Vis pour terrasses en matériaux composites TrapEase<sup>MD</sup> 3 à double filetage normal, ayant une tête qui s'enfonce de couleur correspondante, une empreinte #20 TORX<sup>MD</sup> ttap<sup>MD</sup>, de 2,5 po ou 3 po de longueur, empaquetées ensemble avec un embout pour tournevis, ou l'équivalent)*)
- TrapEase<sup>®</sup> FASCIA screws with a dual coarse thread design, a color matched flat head, a #20 TORX<sup>®</sup> ttap<sup>®</sup> drive and in a length of 1.75 in., packaged together with a counterbore tool designed to create a pilot hole for screw placement and a driver bit; or equivalent (*Vis pour planches de bordure TrapEase<sup>MD</sup> FASCIA à double filetage normal, ayant une tête plate de couleur correspondante, une empreinte #20 TORX<sup>MD</sup> ttap<sup>MD</sup>, de 1,75 po de longueur, empaquetées ensemble avec un outil à lamer conçu pour percer un trou pilote pour enfoncer la vis et un embout pour tournevis, ou l'équivalent)*)
- TimberLOK<sup>®</sup> heavy duty structural wood screws with a coarse thread design, a blank shank diameter of approximately 0.189 in., a countersinking hex washer head with a 5/16" drive and a head marking indicating overall length in inches, in various lengths, which are certified to comply with the most recent versions of the International Building Code<sup>®</sup> and the International Residential Code<sup>®</sup> and recognized for use in wood chemically treated with waterborne alkaline copper quaternary, type D (ACQ-D), packaged together with a driver bit; or equivalent (*Vis à bois structurelles robustes TimberLOK<sup>MD</sup> à filetage normal, dont le diamètre de la partie lisse de la tige est approximativement de 0,189 po, ayant une tête hexagonale à rondelle qui s'enfonce avec une empreinte de 5/16" et dont la longueur en pouces est indiquée sur la tête, de diverses longueurs, qui sont certifiées conformes aux versions les plus récentes du International Building Code<sup>MD</sup> et du International Residential Code<sup>MD</sup> et reconnues pour être utilisées avec du bois traité chimiquement au cuivre alcalin quaternaire par procédé hydrique, type D (ACQ-D), empaquetées ensemble avec un embout pour tournevis, ou l'équivalent)*)
- HeadLOK<sup>®</sup> heavy duty structural wood screws with a coarse thread design, a blank shank diameter of approximately 0.191 in., a flat head with an 8 lobe SpiderDrive<sup>TM</sup> and a head marking indicating overall length in inches, in various lengths, which are certified to comply with the most recent versions of the

International Building Code<sup>®</sup> and the International Residential Code<sup>®</sup> and recognized for use in wood chemically treated with waterborne alkaline copper quaternary, type D (ACQ-D), packaged together with a driver bit; or equivalent (*Vis à bois structurelles robustes HeadLOK<sup>MD</sup> à filetage normal, dont le diamètre de la partie lisse de la tige est approximativement de 0,191 po, ayant une tête plate avec une empreinte SpiderDrive<sup>MC</sup> à 8 dents et dont la longueur en pouces est indiquée sur la tête, de diverses longueurs, qui sont certifiées conformes aux versions les plus récentes du International Building Code<sup>MD</sup> et du International Residential Code<sup>MD</sup> et reconnues pour être utilisées avec du bois traité chimiquement au cuivre alcalin quaternaire par procédé hydrique, type D (ACQ-D), empaquetées ensemble avec un embout pour tournevis, ou l'équivalent*)

- FlatLOK<sup>®</sup> structural wood screws with a coarse thread design, a blank shank diameter of approximately 0.227 in., a flat head with a #40 TORX<sup>®</sup> ttap<sup>®</sup> drive and a head marking indicating overall length in inches, in various lengths, which are certified to comply with the National Building Code of Canada and recognized for use in wood chemically treated with waterborne alkaline copper quaternary (ACQ), packaged together with a driver bit; or equivalent (*Vis à bois structurelles FlatLOK<sup>MD</sup> à filetage normal, dont le diamètre de la partie lisse de la tige est approximativement de 0,227 po, ayant une tête plate avec une empreinte #40 TORX<sup>MD</sup> ttap<sup>MD</sup> et dont la longueur en pouces est indiquée sur la tête, de diverses longueurs, qui sont certifiées conformes au Code national du bâtiment – Canada et reconnues pour être utilisées avec du bois traité chimiquement au cuivre alcalin quaternaire par procédé hydrique (ACQ), empaquetées ensemble avec un embout pour tournevis, ou l'équivalent*)
- LedgerLOK<sup>®</sup> structural wood screws with a coarse thread design, a blank shank diameter of approximately 0.228 in., a hex washer head with a 5/16" drive or a flat head with a #40 TORX<sup>®</sup> ttap<sup>®</sup> drive, and a head marking indicating overall length in inches, in lengths of 3.625 in. or 5 in., which are certified to comply with the most recent versions of the International Building Code<sup>®</sup> and the International Residential Code<sup>®</sup> and recognized for use in wood chemically treated with waterborne alkaline copper quaternary, type D (ACQ-D), packaged together with a driver bit; or equivalent (*Vis à bois structurelles LedgerLOK<sup>MD</sup> à filetage normal, dont le diamètre de la partie lisse de la tige est approximativement de 0,228 po, ayant une tête hexagonale à rondelle avec une empreinte de 5/16" ou une tête plate avec une empreinte #40 TORX<sup>MD</sup> ttap<sup>MD</sup> et dont la longueur en pouces est indiquée sur la tête, de 3,625 po ou 5 po de longueur, qui sont certifiées conformes aux versions les plus récentes du International Building Code<sup>MD</sup> et du International Residential Code<sup>MD</sup> et reconnues pour être utilisées avec du bois traité chimiquement au cuivre alcalin quaternaire par procédé hydrique, type D (ACQ-D), empaquetées ensemble avec un embout pour tournevis, ou l'équivalent*)
- ThruLOK<sup>®</sup> structural wood screws with a unique thread design, a Paddle Point<sup>™</sup> tip, a blank shank diameter of approximately 0.228 in., a hex washer head with a 5/16" drive and a head marking indicating overall length in inches, in various lengths, which are certified to comply with the most recent versions of the International Building Code<sup>®</sup> and the International Residential Code<sup>®</sup> and recognized for use in wood chemically treated with waterborne alkaline copper quaternary, type D (ACQ-D), packaged and used together with ThruLOK<sup>®</sup> washers and nuts; or equivalent (*Vis à bois structurelles ThruLOK<sup>MD</sup> à filetage unique, une pointe Paddle Point<sup>MC</sup>, dont le diamètre de la partie lisse de la tige est approximativement de 0,228 po, ayant une tête hexagonale à rondelle avec une empreinte de 5/16" et dont la longueur en pouces est indiquée sur la tête, de diverses longueurs, qui sont certifiées conformes aux versions les plus récentes du International Building Code<sup>MD</sup> et du International Residential Code<sup>MD</sup> et reconnues pour être utilisées avec du bois traité chimiquement au cuivre alcalin quaternaire par procédé hydrique, type D (ACQ-D), empaquetées et utilisées ensemble avec des rondelles et des écrous ThruLOK<sup>MD</sup>, ou l'équivalent*)
- KWIK HUS-EZ high-strength self-tapping/undercutting carbon steel screw anchors for cracked concrete, uncracked concrete, seismic, concrete over metal deck, and grouted masonry applications, with a hex

washer head, bearing Canadian trademark number TMA1011376 and having the features and characteristics described in Canadian patent number CA2738182, with a diameter of 0.25 in. and lengths ranging from 1.875 in. to 4 in., tested or assessed in accordance with one or more of: ASTM E488 (“Standard Test Methods for Strength of Anchors in Concrete and Masonry Elements”); ICC-ES AC106 (“Acceptance Criteria for Predrilled Fasteners (Screw Anchors) in Masonry Elements”); ICC-ES AC193 (“Acceptance Criteria for Mechanical Anchors in Concrete Elements”); American Concrete Institute (ACI) 355.2 (“Qualification of Post-Installed Mechanical Anchors in Concrete”), or National Building Code of Canada requirement outlined in Canadian Standards Association (CSA) A23.3-14 Annex D as amended or replaced from time to time; or equivalent (*Vis d’ancrage en acier au carbone robuste autotaradeuses KWIK HUS-EZ pour béton fissuré, béton non fissuré, résistance aux séismes, plancher en béton à ossature métallique et maçonnerie jointoyée, ayant une tête hexagonale à rondelle, portant le numéro de marque de commerce canadien TMA1011376 et ayant les caractéristiques et éléments énoncés au numéro de brevet canadien CA2738182, dont le diamètre est de 0,25 po et dont la longueur varie de 1,875 po à 4 po, testées ou évaluées selon l’une ou plusieurs des normes suivantes : ASTM E488 (« Standard Test Methods for Strength of Anchors in Concrete and Masonry Elements »); ICC-ES AC106 (« Acceptance Criteria for Predrilled Fasteners (Screw Anchors) in Masonry Elements »); ICC-ES AC193 (« Acceptance Criteria for Mechanical Anchors in Concrete Elements »); American Concrete Institute (ACI) 355.2 (« Qualification of Post-Installed Mechanical Anchors in Concrete »), ou selon les exigences du Code national du bâtiment – Canada énoncées aux dispositions de l’annexe D de la norme A23.3-14 de l’Association canadienne de normalisation telles que modifiées ou remplacées de temps à autre, ou l’équivalent*)

- KWIK HUS-EZ P high-strength self-tapping/undercutting carbon steel screw anchors for cracked concrete, uncracked concrete, seismic, concrete over metal deck, and grouted masonry applications, with a pan washer head and Torx<sup>®</sup> drive, bearing Canadian trademark number TMA1011376 and having the features and characteristics described in Canadian patent number CA2738182, with a diameter of 0.25 in. and lengths of 1.875 in. or 2.625 in., tested or assessed in accordance with one or more of: ASTM E488 (“Standard Test Methods for Strength of Anchors in Concrete and Masonry Elements”); ICC-ES AC106 (“Acceptance Criteria for Predrilled Fasteners (Screw Anchors) in Masonry Elements”); ICC-ES AC193 (“Acceptance Criteria for Mechanical Anchors in Concrete Elements”); ACI 355.2 (“Qualification of Post-Installed Mechanical Anchors in Concrete”), or NBCC requirement outlined in CSA A23.3-14 Annex D as amended or replaced from time to time; or equivalent (*Vis d’ancrage en acier au carbone robuste autotaradeuses KWIK HUS-EZ P pour béton fissuré, béton non fissuré, résistance aux séismes, plancher en béton à ossature métallique et maçonnerie jointoyée, ayant une tête cylindrique large à rondelle et une empreinte Torx<sup>MD</sup>, portant le numéro de marque de commerce canadien TMA1011376 et ayant les caractéristiques et éléments énoncés au numéro de brevet canadien CA2738182, dont le diamètre est de 0,25 po, de 1,875 po ou 2,625 po de longueur, testées ou évaluées selon l’une ou plusieurs des normes suivantes : ASTM E488 (« Standard Test Methods for Strength of Anchors in Concrete and Masonry Elements »); ICC-ES AC106 (« Acceptance Criteria for Predrilled Fasteners (Screw Anchors) in Masonry Elements »); ICC-ES AC193 (« Acceptance Criteria for Mechanical Anchors in Concrete Elements »); American Concrete Institute (ACI) 355.2 (« Qualification of Post-Installed Mechanical Anchors in Concrete »), ou selon les exigences du Code national du bâtiment – Canada énoncées aux dispositions de l’annexe D de la norme A23.3-14 de l’Association canadienne de normalisation telles que modifiées ou remplacées de temps à autre, ou l’équivalent*)
- KWIK HUS-EZ E high-strength self-tapping/undercutting carbon steel screw anchors for cracked concrete, uncracked concrete, seismic and concrete over metal deck applications, with an externally threaded stud with hex washer head, bearing Canadian trademark number TMA1011376 and having the features and characteristics described in Canadian patent number CA2738182, with a diameter of 0.25 in. and a length of 1.625 in., tested or assessed in accordance with one or more of: ASTM E488 (“Standard

Test Methods for Strength of Anchors in Concrete and Masonry Elements”); ICC-ES AC193 (“Acceptance Criteria for Mechanical Anchors in Concrete Elements”); ACI 355.2 (“Qualification of Post-Installed Mechanical Anchors in Concrete”), or NBCC requirement outlined in CSA A23.3-14 Annex D as amended or replaced from time to time; or equivalent (*Vis d’ancrage en acier au carbone robuste autotaradeuses KWIK HUS-EZ E pour béton fissuré, béton non fissuré, résistance aux séismes et plancher en béton à ossature métallique, ayant un filet extérieur et une tête hexagonale à rondelle, portant le numéro de marque de commerce canadien TMA1011376 et ayant les caractéristiques et éléments énoncés au numéro de brevet canadien CA2738182, dont le diamètre est de 0,25 po, d’une longueur de 1,625 po, testées ou évaluées selon l’une ou plusieurs des normes suivantes : ASTM E488 (« Standard Test Methods for Strength of Anchors in Concrete and Masonry Elements »); ICC-ES AC193 (« Acceptance Criteria for Mechanical Anchors in Concrete Elements »); American Concrete Institute (ACI) 355.2 (« Qualification of Post-Installed Mechanical Anchors in Concrete »), ou selon les exigences du Code national du bâtiment – Canada énoncées aux dispositions de l’annexe D de la norme A23.3-14 de l’Association canadienne de normalisation telles que modifiées ou remplacées de temps à autre, ou l’équivalent)*)

- KWIK HUS-EZ I high-strength self-tapping/undercutting carbon steel screw anchors for cracked concrete, uncracked concrete, seismic and concrete over metal deck applications, with an internally threaded hex washer head, bearing Canadian trademark number TMA1011376 and having the features and characteristics described in Canadian patent number CA2738182, with a diameter of 0.25 in. and lengths of 1.625 in. or 2.5 in., tested or assessed in accordance with one or more of: ASTM E488 (“Standard Test Methods for Strength of Anchors in Concrete and Masonry Elements”); ICC-ES AC193 (“Acceptance Criteria for Mechanical Anchors in Concrete Elements”); ACI 355.2 (“Qualification of Post-Installed Mechanical Anchors in Concrete”), or NBCC requirement outlined in CSA A23.3-14 Annex D as amended or replaced from time to time; or equivalent (*Vis d’ancrage en acier au carbone robuste autotaradeuses KWIK HUS-EZ I pour béton fissuré, béton non fissuré, résistance aux séismes et plancher en béton à ossature métallique, ayant un filet intérieur et une tête hexagonale à rondelle, portant le numéro de marque de commerce canadien TMA1011376 et ayant les caractéristiques et éléments énoncés au numéro de brevet canadien CA2738182, dont le diamètre est de 0,25 po, de 1,625 po ou 2,5 po de longueur, testées ou évaluées selon l’une ou plusieurs des normes suivantes : ASTM E488 (« Standard Test Methods for Strength of Anchors in Concrete and Masonry Elements »); ICC-ES AC193 (« Acceptance Criteria for Mechanical Anchors in Concrete Elements »); American Concrete Institute (ACI) 355.2 (« Qualification of Post-Installed Mechanical Anchors in Concrete »), ou selon les exigences du Code national du bâtiment – Canada énoncées aux dispositions de l’annexe D de la norme A23.3-14 de l’Association canadienne de normalisation telles que modifiées ou remplacées de temps à autre, ou l’équivalent)*)
- Hangermate<sup>®</sup> case hardened carbon steel screw anchors, produced from a single piece of steel, with type 17 gimlet or self-drilling points, diameters ranging from 3/16 in. to 5/16 in., lengths ranging from 1 in. to 4 in., and various heads with threaded rod coupler sizes ranging from 1/4 in. to 1/2 in. or acoustical ceiling eyelets, approved by FM Approvals or Underwriters Laboratory, coated with a zinc plating according to ASTM B633, SC1, Type III (Fe/Zn5), for vertical, horizontal, side or variable mounting in steel or wood and intended for use in hanging applications; or equivalent (*Vis d’ancrage en acier au carbone cimenté Hangermate<sup>MD</sup>, fabriquées à partir d’une seule pièce de métal, ayant une vrille ou une pointe autotaradeuse de type 17, dont le diamètre varie de 3/16 po à 5/16 po et la longueur de 1 po à 4 po, et ayant diverses têtes avec un coupleur fileté de dimensions allant de 1/4 po à 1/2 po ou des œillets de plafond acoustique, approuvées par FM Approvals ou Underwriters Laboratory, plaquées zinc selon la norme ASTM B633, SC1, type III (Fe/Zn5), pour un montage à la verticale, à l’horizontale, de côté ou variable dans le métal ou le bois et destinées à être utilisées pour suspendre, ou l’équivalent)*)

- Hangermate<sup>®</sup>+ case hardened carbon steel screw anchors, produced from a single piece of steel, with diameters of 1/4 in. or 3/8 in., lengths ranging from 1.625 in. to 2.5 in., and internally or externally threaded heads with threaded rod coupler sizes ranging from 1/4 in. to 1/2 in., certified to comply with the most recent versions of the International Building Code<sup>®</sup> and the International Residential Code<sup>®</sup>, tested or assessed in accordance with ASTM E488 (“Standard Test Methods for Strength of Anchors in Concrete and Masonry Elements”), ICC-ES AC193 (“Acceptance Criteria for Mechanical Anchors in Concrete Elements”), and ACI 355.2 (“Qualification of Post-Installed Mechanical Anchors in Concrete”), evaluated and qualified by an accredited independent testing laboratory for recognition in cracked and uncracked concrete including seismic and wind loading and for reliability against brittle failure, approved by FM Approvals, coated with a zinc plating according to ASTM B633, SC1, Type III (Fe/Zn5), for vertical mounting in normal-weight concrete, sand-lightweight concrete and concrete over steel deck, and intended for use in hanging applications; or equivalent (*Vis d’ancrage en acier au carbone cimenté Hangermate<sup>MD</sup>+, fabriquées à partir d’une seule pièce de métal, dont le diamètre est de 1/4 po ou 3/8 po et la longueur varie de 1,625 po à 2,5 po, ayant des têtes avec filetage intérieur ou extérieur avec un coupleur fileté de dimensions allant de 1/4 po à 1/2 po, qui sont certifiées conformes aux versions les plus récentes du International Building Code<sup>MD</sup> et du International Residential Code<sup>MD</sup>, testées ou évaluées selon la norme ASTM E488 (« Standard Test Methods for Strength of Anchors in Concrete and Masonry Elements »), ICC-ES AC193 (« Acceptance Criteria for Mechanical Anchors in Concrete Elements »), et ACI 355.2 (« Qualification of Post-Installed Mechanical Anchors in Concrete »), évaluées et qualifiées par un laboratoire indépendant accrédité pour utilisation dans du béton fissuré et non fissuré, y compris la résistance aux séismes et à la charge exercée par le vent et pour contrer la fragilisation, approuvées par FM Approvals, plaquées zinc selon la norme ASTM B633, SC1, Type III (Fe/Zn5), pour un montage à la verticale dans du béton de poids normal, de poids léger et pour les planchers en béton à ossature métallique, et destinées à être utilisées pour suspendre, ou l’équivalent)*)
- Screw-Bolt<sup>+TM</sup> case hardened carbon steel anchors, produced from a single piece of steel, with diameters ranging from 1/4 in. to 5/8 in., lengths ranging from 1.25 in. to 8 in., and a hex washer head or a flat head, certified to comply with the most recent versions of the International Building Code<sup>®</sup> and the International Residential Code<sup>®</sup>, tested or assessed in accordance with ICC-ES AC193 (“Acceptance Criteria for Mechanical Anchors in Concrete Elements”) and ACI 355.2 (“Qualification of Post-Installed Mechanical Anchors in Concrete”), evaluated and qualified by an accredited independent testing laboratory for recognition in cracked and uncracked concrete including seismic and wind loading and for reliability against brittle failure, coated with a zinc plating according to ASTM B633, SC1, Type III (Fe/Zn5) or a mechanically galvanized zinc plating according to ASTM B695, Class 55, for mounting in normal-weight concrete, lightweight concrete, concrete over steel deck, grouted concrete masonry and brick masonry; or equivalent (*Vis d’ancrage en acier au carbone cimenté Screw-Bolt<sup>MC</sup>, fabriquées à partir d’une seule pièce de métal, dont le diamètre varie de 1/4 po à 5/8 po et la longueur de 1,25 po à 8 po, ayant une tête hexagonale à rondelle ou une tête plate, qui sont certifiées conformes aux versions les plus récentes du International Building Code<sup>MD</sup> et du International Residential Code<sup>MD</sup>, testées ou évaluées selon les normes ICC-ES AC193 (« Acceptance Criteria for Mechanical Anchors in Concrete Elements ») et ACI 355.2 (« Qualification of Post-Installed Mechanical Anchors in Concrete »), évaluées et qualifiées par un laboratoire indépendant accrédité pour utilisation dans du béton fissuré et non fissuré, y compris la résistance aux séismes et à la charge exercée par le vent et pour contrer la fragilisation, plaquées zinc selon la norme ASTM B633, SC1, Type III (Fe/Zn5) ou placage de zinc galvanisé par procédé mécanique selon la norme ASTM B695, classe 55, pour montage dans du béton de poids normal, de poids léger, pour les planchers en béton à ossature métallique, maçonnerie en béton jointoyée et maçonnerie en brique, ou l’équivalent)*)

All carbon steel screws that are *not within the parameters* of the following list are also *excluded*.

	Imperial		Metric	
	Diameter	Length	Diameter	Length
Wood Screws ( <i>Vis à bois</i> )	#4 - #24	3/8 - 8 in.	M3 - M10	10 mm - 200 mm
Square and Hex Lag Screws ( <i>Tire-fond à tête carrée et à tête hexagonale</i> )	#14 - #24	3/4 - 4 in.	M6 - M10	20 mm - 100 mm
Sheet Metal/Tapping Screws ( <i>Vis à tôle/ autotaraudeuses</i> )	#4 - #24	3/8 - 8 in.	M3 - M10	10 mm - 200 mm
Thread Forming Screws ( <i>Vis formant le filet</i> )	#4 - #24	3/8 - 3 in.	M3 - M10	10 mm - 75 mm
Thread Cutting Screws ( <i>Vis taillant le filet</i> )	#4 - #24	3/8 - 3 in.	M3 - M10	10 mm - 75 mm
Thread Rolling Screws ( <i>Vis roulant le filet</i> )	#4 - #24	3/8 - 3 in.	M3 - M10	10 mm - 75 mm
Self-drilling Tapping Screws ( <i>Vis pour le filetage par roulage</i> )	#4 - #24	3/8 - 3 in.	M3 - M10	10 mm - 75 mm
Machine Screws ( <i>Vis mécaniques</i> )	#4 - 3/8 in.	3/8 - 8 in.	M3 - M10	10 mm - 200 mm
Flange Screws ( <i>Vis d'accouplement</i> )	1/4 - 5/8 in.	3/8 - 4 in.	M6 - M16	10 mm - 100 mm

**APPENDIX 2: PRODUCTS EXCLUDED IN THE CURRENT EXPIRY REVIEW**

- VersaLOK™ structural wood screws with a coarse thread design, a shank diameter of 0.228", a flat head with a TORX® ttap® drive, in lengths of 6" and 8", which are certified to comply with the most recent versions of the International Building Code® and the International Residential Code® and have been coated with a proprietary three-step coating process that protects against corrosion (even in pressure-treated wood) and is ACQ (alkaline copper quaternary) approved; or equivalent.
- KWIK HUS-EZ IQ high-strength self-tapping/undercutting carbon steel screw anchors with a push-to-fit coupler (hex washer head) for coupling threaded rod to cracked concrete, uncracked concrete, seismic, and concrete over metal deck applications, bearing Canadian trademark number TMA1011376 and having the features and characteristics described in Canadian patent number CA2738182, with a diameter of 0.25" (1/4") and lengths of between 1.625" (1-5/8") and 2.5" (2-1/2") (overall length without coupler and washer), inclusive, tested or assessed in accordance with one or more of: ASTM E488 ("Standard Test Methods for Strength of Anchors in Concrete and Masonry Elements"); ICC Evaluation Service (ICC-ES) AC193 ("Acceptance Criteria for Mechanical Anchors in Concrete Elements"); American Concrete Institute (ACI) 355.2/ACI 355.2R ("Qualification of Post-Installed Mechanical Anchors in Concrete"), or National Building Code of Canada (NBCC) requirements outlined in Canadian Standards Association (CSA) 23.3-Annex D as amended or replaced from time to time; or equivalent.
- Tapcon™ light-duty heat-treated carbon steel screw anchors for concrete and masonry substrates with diameters of 0.1875" to 0.25" and lengths between 1.25" and 6.00", inclusive, tested or assessed in accordance with one or more of: ASTM E488 ("Standard Test Methods for Strength of Anchors in Concrete and Masonry Elements") and ICC Evaluation Service (ICC-ES) AC106 ("Acceptance Criteria for Predrilled Fasteners (Screw Anchors) in Masonry Elements"); or equivalent.
- Tapcon+™ heavy-duty heat-treated carbon steel screw anchors for concrete and masonry substrates, with diameters between 0.3125" and 0.60", inclusive, and lengths between 2.25" and 6.00", inclusive, tested or assessed in accordance with one or more of: ASTM E488 ("Standard Test Methods for Strength of Anchors in Concrete and Masonry Elements") and ICC Evaluation Service (ICC-ES) AC106 ("Acceptance Criteria for Predrilled Fasteners (Screw Anchors) in Masonry Elements"); or equivalent.
- Large Diameter Tapcon™ heavy-duty, heat-treated carbon steel screw anchors for concrete and masonry substrates with diameters of between 0.375" and 0.75", inclusive, and lengths of between 1.75" and 6.25", inclusive, tested or assessed in accordance with one or more of: ASTM E488 ("Standard Test Methods for Strength of Anchors in Concrete and Masonry Elements") and ICC Evaluation Service (ICC-ES) AC106 ("Acceptance Criteria for Predrilled Fasteners (Screw Anchors) in Masonry Elements"); or equivalent.
- 2-1/2" Trex Color Match Composite Screw, which are carbon steel composite deck screws designed to be used with Trex decking solutions, with a length of 2.5" (63.5 mm) and a #10 (3.5 mm) diameter, with a flat head, corrosion-resistant coating, and self-drilling point for installation without pre-drilling, with a thread design that minimizes surface distortion and ensures a flush finish, suitable for securing composite decking boards in outdoor environments; or equivalent.
- 2-1/2" Trex Solid Core Plug System Composite Screw, which are epoxy-coated deck screws designed to be used with Trex decking solutions, with a length of 2.5" (63.5 mm) and a #10 (3.5 mm) diameter, with a flat head, corrosion-resistant coating, and self-drilling point for installation without pre-drilling, including a depth-setting feature for consistent recessed placement below the surface, with a thread design that minimizes material displacement and ensures a flush finish, suitable for composite decking applications requiring hidden fastener systems; or equivalent.
- Trex 1-3/4" Color Match Fascia Screw, which are carbon steel fascia screws designed to be used with Trex decking solutions, with a length of 1-3/4" (44.5 mm) and a #10 (3.72 mm) diameter, with a flat head,

corrosion-resistant coating, and self-drilling point for installation without pre-drilling, with reverse upper threads which reduce surface bulging and maintain a flush finish, designed for securing composite fascia boards in exterior decking applications where expansion and contraction must be accommodated; or equivalent.

- Trex 1-3/4" Plug Fascia Screw, which are carbon steel fascia screws designed to be used with Trex decking solutions, with a length of 1-3/4" (44.5 mm) and a #10 (3.72 mm) diameter, with a flat head, corrosion-resistant coating, and self-drilling point for installation without pre-drilling, including a depth-setting feature for consistent recessed placement below the surface to allow use of matching plugs for concealed fastening, with reverse upper threads that minimize surface bulging and maintain a flush finish, designed for composite fascia board applications in exterior environments; or equivalent.
- Trex 2" Scalloped Decking Plug Screw, which are carbon steel decking screws designed to be used with Trex decking solutions, with a length of 2" (51 mm) and a #10 (3.72 mm) diameter, with a flat head, corrosion-resistant coating, and self-drilling point for installation without pre-drilling, including a depth-setting feature for consistent recessed placement below the surface to allow use of matching plugs for concealed fastening, with a thread design that minimizes surface bulging and ensures a flush finish, suitable for composite decking applications in exterior environments; or equivalent.
- Screws designed by 1833236 Ontario Inc. d.b.a. U2 Fasteners and marketed under the trade name Black Construction Screw™, which have the features and characteristics described in Canadian patent number 2,979,899, a corrosion-resistant colored coating, and are certified to comply with the most recent versions of the International Building Code® and the International Residential Code®, and recognized for use in wood chemically treated with waterborne alkaline ACQ-D (alkaline copper quaternary, type D) or ACQ (alkaline copper quaternary) and/or MCQ (micronized copper quaternary), or equivalent; or equivalent.
- Screws designed by 1833236 Ontario Inc. d.b.a. U2 Fasteners and marketed under the trade name TopStar® Adjustable Screw, for use instead of wood shims, incorporating features of European patent number EP 2 331 830 B1, incorporating a dual-element screw system with a rotating sleeve for post-installation alignment of window and door frames and an inner core screw, installed using a proprietary Crown Bit™ drive system; or equivalent.
- Screws designed by 1833236 Ontario Inc. d.b.a. U2 Fasteners and marketed under the trade name Fine Screw™, which have the features described in Canadian patent number 2,979,899, characterized by a narrow shank, low-profile head, and proprietary thread geometry for clean, low-torque installation into delicate materials without surface damage and incorporate a corrosion-resistant coloured coating compliant with the ICC Evaluation Service ("ICC-ES") "Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatments" (AC257), meeting the requirements of the International Building Code® and International Residential Code®, and recognized for use in chemically-treated wood and other pressure treated materials and compliant with ACQ (alkaline copper quaternary) and/or MCQ (micronized copper quaternary)-treated lumber, or equivalent; or equivalent.
- Screws designed by 1833236 Ontario Inc. d.b.a. U2 Fasteners and marketed under the trade name Re-Fine Screw™, incorporating the features described in Canadian patent numbers 2,979,899 and 2,994,851 and a corrosion-resistant coloured coating compliant with the ICC Evaluation Service ("ICC-ES") "Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatments" (AC257), meeting the requirements of the International Building Code® and International Residential Code®, and recognized for use in chemically-treated wood and other pressure treated materials and compliant with ACQ (alkaline copper quaternary) and/or MCQ (micronized copper quaternary)-treated lumber, or equivalent; or equivalent.
- Self-tapping, piercing exterior low-profile dome head screws designed by 1833236 Ontario Inc. d.b.a. U2 Fasteners and marketed under the trade name Steel Siding Screw™, which have the features described in

Canadian patent number 2,979,899, and incorporate a corrosion-resistant coating and powder-coated coloured head; or equivalent.

- Self-tapping, composite and/or PVC deck screws with a type 17 point, a trilobular shank and threads, reverse threads on the shank, a 6-lobe star drive, and a specialty undercut counterboring head, either packaged together with colour-matched plugs made from the same material as the deck boards, and/or a setting tool designed to drive the screw to the appropriate level below the surface of the board as part of the Starborn® Pro Plug® System Deck, or sold separately but intended for use with the aforementioned plugs and tool as part of the Starborn® Pro Plug® System Deck; or equivalent.
- Self-tapping PVC trim screws with a type 17 point, a trilobular shank and threads, reverse threads on the shank, a 6-lobe star drive, and a specialty undercut counterboring head, either packaged together with colour-matched plugs made from the same material as the PVC trim, and/or a setting tool designed to drive the screw to the appropriate level below the surface of the trim as part of the Starborn® Pro Plug® System Trim, or sold separately but intended for use with the aforementioned plugs and tool as part of the Starborn® Pro Plug® System Trim; or equivalent.
- Self-tapping fascia board screws with a type 17 point, a smooth shank, and a 6-lobe star drive, packaged together with colour-matched plugs made from the same material as the fascia board as part of the Starborn® Pro Plug® System Fascia and intended for use with a predrill countersink tool and a depth setting tool designed to drive the screws to the appropriate level below the surface of the board as part of the Starborn® Pro Plug® System Fascia, which are sold separately from the aforementioned screws and plugs; or equivalent.
- Starborn® Cap-Tor® xd colour-matched deck fasteners, available in a very wide variety of colours and used for securing composite, PVC Decking and PVC trim bands to substructures, which have a type 17 point, a trilobular shank and a specialty undercut counterboring head; or equivalent.
- Self tapping fascia board screws with a type 17 point, a smooth shank, and a 6-lobe star drive, either packaged together with a predrill countersink tool as part of the Starborn® Fascia System or sold separately but intended for use with the countersink tool as part of the Starborn® Fascia System; or equivalent.
- Starborn® Structural H19 hex head structural fasteners used for wood-to-wood connections in a variety of applications including decking, fencing, pergolas, landscape timbers and timber framing, featuring a head marking with the diameter and length of the fastener, a speciality point, a high-adhesion, black exterior-grade coating that is compliant with the ICC Evaluation Service (“ICC-ES”) “Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatments” (AC257), and tested by a third-party lab for International Residential Code®, International Building Code® and National Building Code of Canada code compliance and tested and approved for cladding through foam sheathing, truss-to-top plate and bottom-plate-to-rim board attachments; or equivalent.
- Starborn® Structural F19 flat head structural fasteners used for heavy duty framing applications including decking, fencing, pergolas, landscape timbers, SIPs (structural insulated panels) and timber framing, featuring a head marking with the diameter and length of the fastener, a speciality point, a high-adhesion, black exterior-grade coating that is compliant with the ICC Evaluation Service (“ICC-ES”) “Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatments” (AC257), and tested by a third-party lab for International Residential Code®, International Building Code® and National Building Code of Canada code compliance and tested and approved for cladding attachment through foam sheathing and multi-ply dimensional wood connections; or equivalent.
- Starborn® Structural F23-W flat head structural fasteners designed specifically for multi-ply dimensional wood connections, featuring a head marking with the diameter and length of the fastener, a speciality point, and a grey interior-grade E-coat (electrophoretic coating), and tested by a third-party lab for

International Residential Code<sup>®</sup>, International Building Code<sup>®</sup>, and National Building Code of Canada code compliance and tested and approved for multi-ply connections in dimensional wood; or equivalent.

- Starborn<sup>®</sup> Structural F23-E flat head structural fasteners designed specifically for LVL (laminated veneer lumber) and multi-ply engineered wood connections, which feature a head marking with the diameter and length of the fastener, a speciality point, a high-adhesion, proprietary grey exterior-grade coating that is compliant with the ICC Evaluation Service (“ICC-ES”) “Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatments” (AC257), and has been tested by a third party lab for International Residential Code<sup>®</sup>, International Building Code<sup>®</sup>, and National Building Code of Canada code compliance and tested and approved for multi-ply connections in engineered wood and LVL (laminated veneer lumber); or equivalent.
- Starborn<sup>®</sup> Structural H23 hex head structural fasteners used for attaching deck ledgers to rim joists which feature a head marking with the diameter and length of the fastener, a speciality point, a high-adhesion, black exterior grade coating that is compliant with the ICC Evaluation Service (“ICC-ES”) “Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatments” (AC257), and tested by a third-party lab for International Residential Code<sup>®</sup>, International Building Code<sup>®</sup> and National Building Code of Canada code compliance and tested and approved for deck ledger attachment; or equivalent.
- Starborn<sup>®</sup> Structural F23 flat head structural fasteners used for heavy duty framing applications including decking, fencing, pergolas, landscape timbers and timber framing, featuring a head marking with the diameter and length of the fastener, a specialty point, and a high-adhesion, black exterior-grade coating that is compliant with the ICC Evaluation Service (“ICC-ES”) “Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatments” (AC257), and has been tested by a third-party lab for International Residential Code<sup>®</sup>, International Building Code<sup>®</sup> and National Building Code of Canada code compliance and tested and approved for deck ledger attachment, cladding attachment through foam sheathing, and multi-ply dimensional wood connections; or equivalent.
- Structural wood screws and/or structural composite screws with a Tri-Forge<sup>®</sup> Point, Speed-Knur1<sup>™</sup>, a high-adhesion black exterior coating that is compliant with the ICC Evaluation Service (“ICC-ES”) “Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatments” (AC257), and has been tested by a third-party lab for International Residential Code<sup>®</sup>, International Building Code<sup>®</sup>, and National Building Code of Canada code compliance and tested and approved for countersunk structural connections in both wood framing and composite structural framing, packaged together with colour-matched plugs made from real wood or composite structural framing material as part of the Starborn<sup>®</sup> Pro Plug<sup>®</sup> System Structural, which are intended for use with a countersink tool designed to create a hole for the screw and plug and a depth setting tool designed to drive the screw to the appropriate level below the surface of the board as part of the Starborn<sup>®</sup> Pro Plug<sup>®</sup> System Structural, which are sold separately from the screws and plugs; or equivalent.
- Partially threaded, dowel-type, self-tapping structural wood screws marketed by Rotho Blaas as HBS screws (alternatively marketed as SNK screws under the Holz Technik brand), made of zinc-plated electrogalvanized carbon steel, with a countersunk head and a 3 THORNS tip, in various lengths and diameters, certified to comply with the ICC Evaluation Service (“ICC-ES”) “Acceptance Criteria for Dowel-type Threaded Fasteners Used in Wood” (AC233), the most recent versions of the International Building Code<sup>®</sup> and the International Residential Code<sup>®</sup>, the National Building Code of Canada’s standard for the “engineering design of structural wood products and systems” (CSA O86), and recognized for use on timber based panels, fibreboard (low, medium, and high density), plated and melamine faced panels, glued laminated timber (glulam), engineered timbers, including cross-laminated timber (CLT), laminated veneer lumber (LVL), softwoods (e.g., spruce, pine, western red cedar), and hardwoods (e.g., Douglas fir, oak), packaged with a driver bit; or equivalent.

- Partially threaded, dowel-type, self-tapping structural wood screws marketed by Rotho Blaas as HBS EVO screws (alternatively marketed as SNK EVO screws under the Holz Technik brand), made of carbon steel with C4 EVO coating, with a countersunk head and 3 THORNS tip, in various lengths and diameters, certified to comply with the ICC Evaluation Service (ICC-ES) “Acceptance Criteria for Dowel-type Threaded Fasteners Used in Wood” (AC233), the “Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatments” (AC257), the most recent versions of the International Building Code® and the International Residential Code®, the National Building Code of Canada’s standard for the “engineering design of structural wood products and systems” (CSA O86), and recognized for use on timber-based panels, solid timber and glulam, cross-laminated timber (CLT), laminated veneer lumber (LVL), high-density woods, and timber treated with waterborne alkaline copper quaternary (ACQ), and chromated copper arsenate (CCA), packaged with a driver bit; or equivalent.
- Partially threaded, dowel-type structural wood screws marketed by Rotho Blaas as HBS PLATE made of zinc-plated, electrogalvanized carbon steel, with a pan head and 3 THORNS tip, in various lengths and diameters, certified to comply with the ICC Evaluation Service (ICC-ES) “Acceptance Criteria for Dowel-type Threaded Fasteners Used in Wood” (AC233), the most recent versions of the International Building Code® and the International Residential Code®, the National Building Code of Canada’s standard for the “engineering design of structural wood products and systems” (CSA O86), and recognized for use on timber-based panels, solid timber and glulam, cross-laminated timber (CLT), laminated veneer lumber (LVL), and high-density woods, packaged with a driver bit; or equivalent.
- Pan head structural wood screws marketed by Rotho Blaas as HBS PLATE EVO screws (alternatively marketed as KGL PLATE EVO under the Holz Technik brand), made of carbon steel with C4 EVO coating, in various lengths and diameters, certified to comply with the ICC Evaluation Service (ICC-ES) “Acceptance Criteria for Dowel-type Threaded Fasteners Used in Wood” (AC233), the “Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatments” (AC257), the most recent versions of the International Building Code® and the International Residential Code®, the National Building Code of Canada’s standard for the “engineering design of structural wood products and systems” (CSA O86), and recognized for use on timber-based panels, solid timber and glulam, cross-laminated timber (CLT), laminated veneer lumber (LVL), high-density woods, and timber treated with waterborne alkaline copper quaternary (ACQ), and chromated copper arsenate (CCA), packaged with a driver bit; or equivalent.
- Partially threaded, dowel-type structural wood screws marketed by Rotho Blaas as TBS (alternatively marketed as TLL under the Holz Technik brand), made of zinc-plated electrogalvanized carbon steel, with a flange head integrated washer and a 3 THORNS tip, in various lengths and diameters, certified to comply with the ICC Evaluation Service (“ICC-ES”) “Acceptance Criteria for Dowel-type Threaded Fasteners Used in Wood” (AC233), the most recent versions of the International Building Code® and the International Residential Code®, the National Building Code of Canada’s standard for the “engineering design of structural wood products and systems” (CSA O86), and recognized for use on timber-based panels, fibreboard and medium-density fibreboard (MDF) panels, solid timber and glulam, cross-laminated timber (CLT), laminated veneer lumber (LVL), and high-density woods, packaged with a driver bit; or equivalent.
- Partially threaded, dowel-type structural wood screws marketed by Rotho Blaas as TBS FRAME, made of zinc-plated electrogalvanized carbon steel with black E-coating, with a flat flange head and a 3 THORNS tip, with a diameter of 8 mm and in various lengths, certified to comply with the ICC Evaluation Service (“ICC-ES”) “Acceptance Criteria for Dowel-type Threaded Fasteners Used in Wood” (AC233), the most recent versions of the International Building Code® and the International Residential Code®, the National Building Code of Canada’s standard for the “engineering design of structural wood products and systems” (CSA O86), and recognized for use on timber-based panels, solid timber and

glulam, cross-laminated timber (CLT), laminated veneer lumber (LVL), high-density woods, and multiply trusses, packaged with a driver bit; or equivalent.

- Partially threaded, dowel-type structural wood screws marketed by Rotho Blaas as TBS EVO (alternatively marketed as TLL EVO under the Holz Technik brand), made of carbon steel with C4 EVO coating, with a flange head and a 3 THORNS tip, in various lengths and diameters, certified to comply with the ICC Evaluation Service (“ICC-ES”) “Acceptance Criteria for Dowel-type Threaded Fasteners Used in Wood” (AC233), the “Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatments” (AC257), the most recent versions of the International Building Code® and the International Residential Code®, the National Building Code of Canada’s standard for the “engineering design of structural wood products and systems” (CSA O86), and recognized for use on timber-based panels, solid timber and glulam, cross-laminated timber (CLT), laminated veneer lumber (LVL), high-density woods, and timber treated with waterborne alkaline copper quaternary (ACQ), and chromated copper arsenate (CCA), packaged with a driver bit; or equivalent.
- Fully threaded structural wood screws marketed by Rotho Blaas as VGS, made of zinc-plated electrogalvanized carbon steel, with a countersunk or hexagonal head and a 3 THORNS, RBSN, or self-drilling tip, in various lengths and diameters, certified to comply with the ICC Evaluation Service (“ICC-ES”) “Acceptance Criteria for Dowel-type Threaded Fasteners Used in Wood” (AC233), the most recent versions of the International Building Code® and the International Residential Code®, the National Building Code of Canada’s standard for the “engineering design of structural wood products and systems” (CSA O86), and recognized for use on timber-based panels, solid timber and glulam, cross-laminated timber (CLT), laminated veneer lumber (LVL), and high-density woods, packaged with a driver bit; or equivalent.
- Fully threaded structural wood screws marketed by Rotho Blaas as VGS EVO, made of carbon steel with C4 EVO coating, with a countersunk or hexagonal head and a 3 THORNS, RBSN, or self-drilling tip, in various lengths and diameters, certified to comply with the ICC Evaluation Service (“ICC-ES”) “Acceptance Criteria for Dowel-type Threaded Fasteners Used in Wood” (AC233), the “Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatments” (AC257), the most recent versions of the International Building Code® and the International Residential Code®, the National Building Code of Canada’s standard for the “engineering design of structural wood products and systems” (CSA O86), and recognized for use on timber-based panels, solid timber and glulam, cross-laminated timber (CLT), laminated veneer lumber (LVL), high-density woods, and timber treated with waterborne alkaline copper quaternary (ACQ), and chromated copper arsenate (CCA), packaged with a driver bit; or equivalent.
- Fully threaded structural wood screws marketed by Rotho Blaas as VGZ, made of zinc-plated, electrogalvanized carbon steel, with a cylindrical head and a 3 THORNS or self-drilling tip, in various lengths and diameters, certified to comply with the ICC Evaluation Service (“ICC-ES”) “Acceptance Criteria for Dowel-type Threaded Fasteners Used in Wood” (AC233), the most recent versions of the International Building Code® and the International Residential Code®, the National Building Code of Canada’s standard for the “engineering design of structural wood products and systems” (CSA O86), and recognized for use on timber-based panels, solid timber and glulam, cross-laminated timber (CLT), laminated veneer lumber (LVL), and high-density woods, packaged with a driver bit; or equivalent.
- Fully threaded structural wood screws marketed by Rotho Blaas as VGZ EVO (alternatively marketed as GWZEVO under the Holz Technik brand), made of carbon steel with C4 EVO coating, with a cylindrical head, in various lengths and diameters, certified to comply with the ICC Evaluation Service (“ICC-ES”) “Acceptance Criteria for Dowel-type Threaded Fasteners Used in Wood” (AC233), the “Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatments” (AC257), the most recent versions of the International Building Code® and the International Residential

Code®, the National Building Code of Canada’s standard for the “engineering design of structural wood products and systems” (CSA O86), and recognized for use on timber-based panels, solid timber and glulam, cross-laminated timber (CLT), laminated veneer lumber (LVL), high-density woods, and timber treated with waterborne alkaline copper quaternary (ACQ), and chromated copper arsenate (CCA), packaged with a driver bit; or equivalent.

- Structural wood screws for perforated plates marketed by Rotho Blaas as LBS (alternatively marketed as SBL under the Holz Technik brand), made of zinc-plated electrogalvanized carbon steel, with a round head and a SHARP or Softwood (wood-to-timber) tip, in various lengths and diameters, certified to comply with the ICC Evaluation Service (“ICC-ES”) “Acceptance Criteria for Dowel-type Threaded Fasteners Used in Wood” (AC233), the most recent versions of the International Building Code® and the International Residential Code®, the National Building Code of Canada’s standard for the “engineering design of structural wood products and systems” (CSA O86), and recognized for use on timber-based panels, solid timber, glulam, cross-laminated timber (CLT), laminated veneer lumber (LVL), and high-density woods, packaged with a driver bit; or equivalent.
- Structural wood screws for perforated plates marketed by Rotho Blaas as LBS EVO made of carbon steel with C4 EVO coating, with a round head and a SHARP or Softwood (wood-to-timber) tip, in various lengths and diameters, certified to comply with the ICC Evaluation Service (“ICC-ES”) “Acceptance Criteria for Dowel-type Threaded Fasteners Used in Wood” (AC233), the “Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatments” (AC257), the most recent versions of the International Building Code® and the International Residential Code®, the National Building Code of Canada’s standard for the “engineering design of structural wood products and systems” (CSA O86), and recognized for use on timber-based panels, solid timber and glulam, cross-laminated timber (CLT), laminated veneer lumber (LVL), high-density woods, and timber treated with waterborne alkaline copper quaternary (ACQ), and chromated copper arsenate (CCA), packaged with a driver bit; or equivalent.
- Round head structural wood screws for perforated plates on hardwood marketed by Rotho Blaas as LBS HARDWOOD, made of zinc-plated electrogalvanized carbon steel, with a diameter of 5 mm, in various lengths, certified to comply with the ICC Evaluation Service (“ICC-ES”) “Acceptance Criteria for Dowel-type Threaded Fasteners Used in Wood” (AC233), the most recent versions of the International Building Code® and the International Residential Code®, UKTA-0836, 22/6195, ETA-11/0030 and recognized for use on timber-based panels, solid timber, glulam, cross-laminated timber (CLT), laminated veneer lumber (LVL), high-density woods, beech, oak, cypress, ash, eucalyptus, and bamboo, packaged with a driver bit; or equivalent.
- Round head structural wood screws for perforated plates on hardwood marketed by Rotho Blaas as LBS HARDWOOD EVO, made of carbon steel with C4 EVO coating, in various lengths and diameters, certified to comply with the ICC Evaluation Service (“ICC-ES”) “Acceptance Criteria for Dowel-type Threaded Fasteners Used in Wood” (AC233), the “Acceptance Criteria for Corrosion-resistant Fasteners and Evaluation of Corrosion Effects of Wood Treatments” (AC257), the most recent versions of the International Building Code® and the International Residential Code®, ETA-11/0030, and recognized for use on timber-based panels, solid timber and glulam, cross-laminated timber (CLT), laminated veneer lumber (LVL), high-density woods, and timber treated with waterborne alkaline copper quaternary (ACQ), and chromated copper arsenate (CCA), packaged with a driver bit; or equivalent.