



LWF 60

US

**INSTALLATION INSTRUCTIONS
FIRE-RESISTANT ATTIC LADDER**

ES

**INSTRUCCIONES DE INSTALACIÓN
ESCALERA ESCAMOTEABLE IGNÍFUGA**

FR

**INSTRUCTION D'INSTALLATION
ESCALIER ESCAMOTABLE COUPE-FEU**



Installation Videos



<https://www.fakrousa.com/installers/installation-videos/installation-videos-for-attic-ladders/>

READ SAFETY INSTRUCTION BEFORE USING

**WARNING!
ATTENTION!
CUIDADO!**



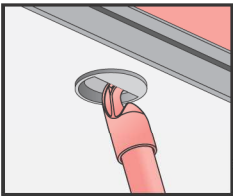
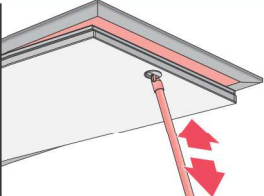
NC 9CE

ES LEA LAS INSTRUCCIONES DE SEGURIDAD ANTES DE USAR

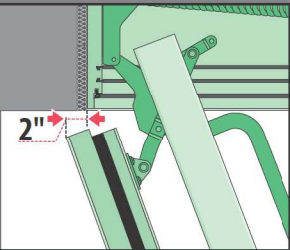
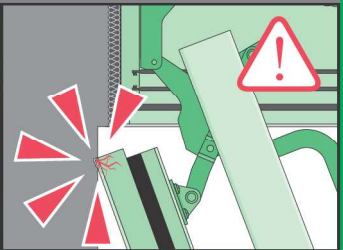
FR VEUILLEZ LIRE LES DIRECTIVES DE SÉCURITÉ AVANT L'UTILISATION

US	Installation and operation of the attic ladder must be carried out in compliance with the installation instructions and user manual. Safety of use depends on the implementation of all actions shown in the installation instructions and use of the attic ladder in accordance with all points shown in the user manual. WARNING! Using the attic ladder in violation of the instructions is strictly forbidden as it may cause a serious accident, it voids the Warranty and makes the Manufacturer no longer liable for the product.
ES	El montaje y el uso de la escalera debe llevarse a cabo de acuerdo con el manual de instalación y el manual de uso de la misma. La seguridad de uso de la escalera depende de la correcta realización de todas las acciones indicadas en el manual de instalación y uso de la escalera de acuerdo con todos los puntos indicados en el manual de uso. ¡PRECAUCIÓN! Está prohibida la utilización de la escalera que no sea conforme con el manual de instrucciones, porque puede causar un accidente grave, deshabilita la garantía y hace que el fabricante no se responsabilice.
FR	Le montage et l'utilisation de l'escalier doivent être réalisés dans le respect de l'instruction de montage et d'utilisation. La sécurité d'utilisation dépend de la réalisation de toutes les activités indiquées dans l'instruction de montage et d'utilisation de l'escalier. ATTENTION! L'utilisation des escaliers contrairement à l'instruction est interdite, elle peut provoquer un accident grave, annulation de la garantie et manque de responsabilité du fabricant.

i

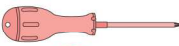



US	Check the clearance behind your opening
ES	Verifique el espacio detrás de su abertura
FR	Vérifiez l'espace derrière votre ouverture

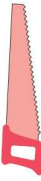









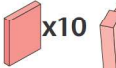
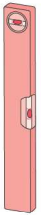
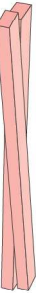













2,5lbs/ft.³ (40 kg/m³)
conforming to ASTM C665 Type 1

*



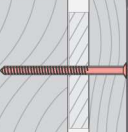

FIRE STOP CAULKING
3M IC 15WB+ or Tremstop IA+

**

US	Recommended in accordance to: QAI Test report B1083-1B
ES	Recomendado de acuerdo con: Informe de prueba QAI B1083-1B
FR	Recommandé conformément au rapport de tests QAI Test report B1083-1B

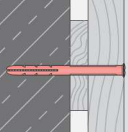


x10





x10

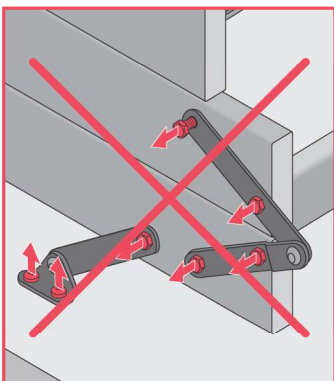
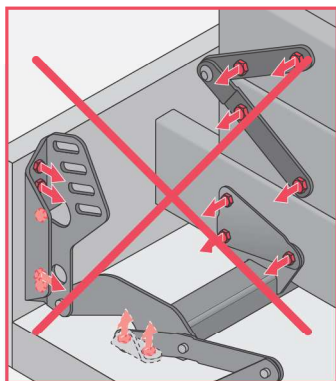
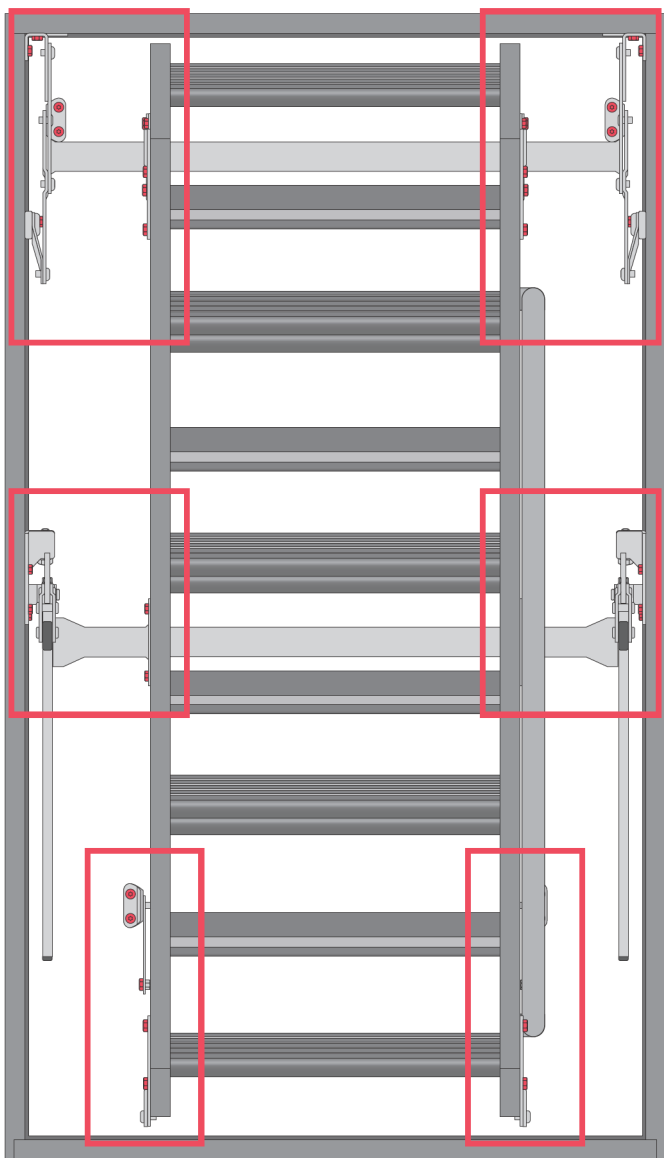




US Do not remove screws

ES No retire los tornillos

FR Ne retirez pas les vis

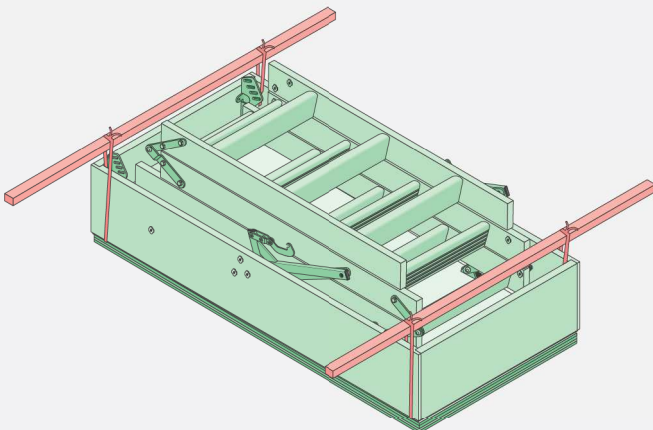


US	Two installation methods:
ES	Dos métodos de instalación:
FR	Deux méthodes d'installation:



Temporary suspension

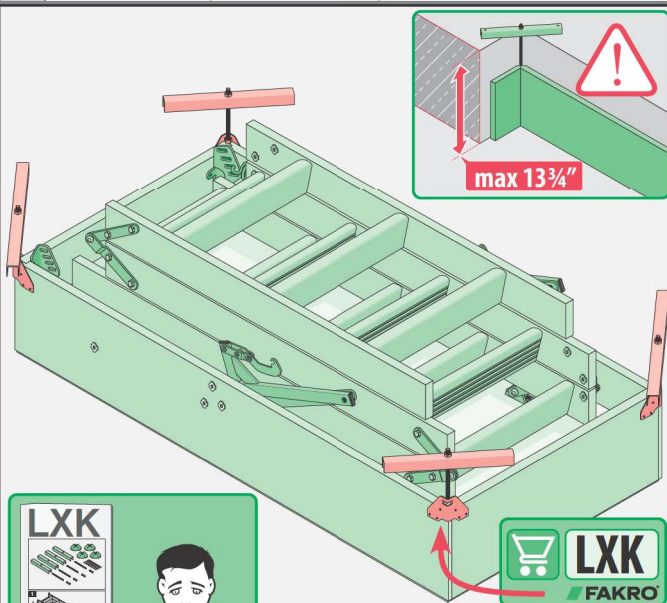
ES	1) suspensión temporal
FR	1) en suspens de façon temporaire



Additional accessory LXX

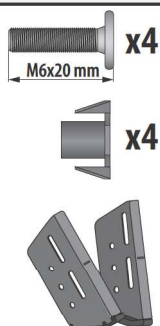
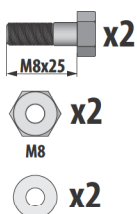
EXTRA BUY

US	Temporary installation brackets - check floor cross-section requirements
ES	Soportes de instalación temporal: verifique los requisitos de sección transversal del piso
FR	Fixations d'installation temporaire - veuillez consulter les exigences concernant la coupe transversale du plancher



NC 99L



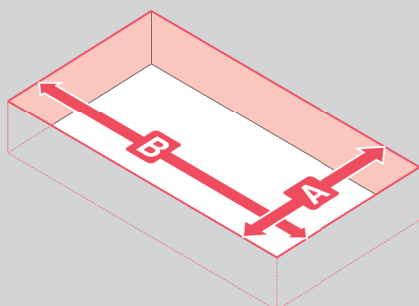
[illegible]

2

H

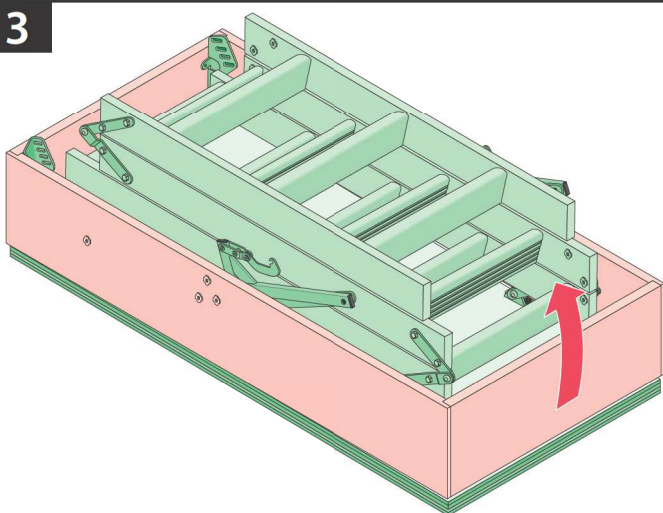
H=Finished Floor Level

B	H	H _{min} 
47"	9' 2½"	7' 8½"
54"	10' 1½"	7' 11¼"



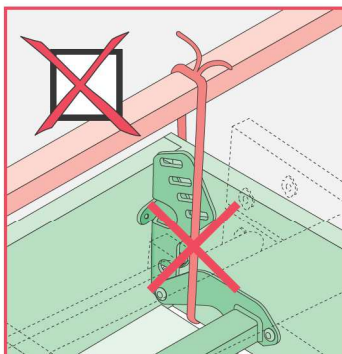
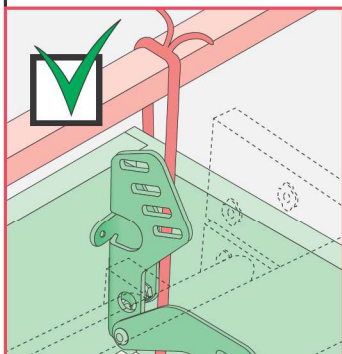
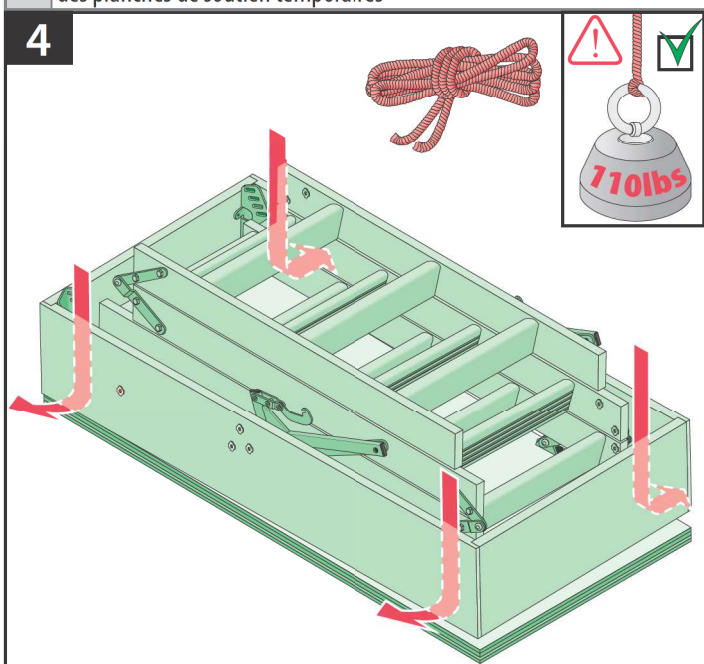
US	Raise the attic ladder frame and pull the rope through
ES	Eleve la caja para poder pasar la cuerda.
FR	Soulevez la caisse pour pouvoir faire passer le cordon.

3

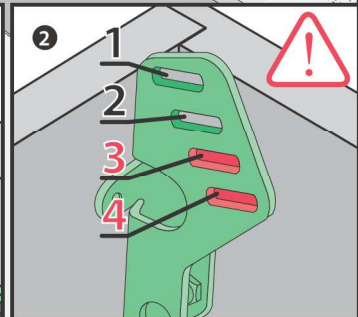
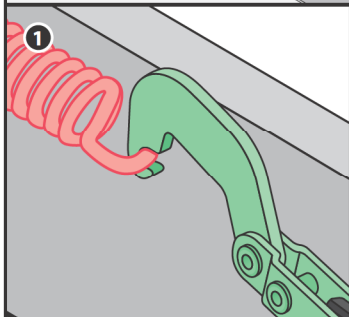
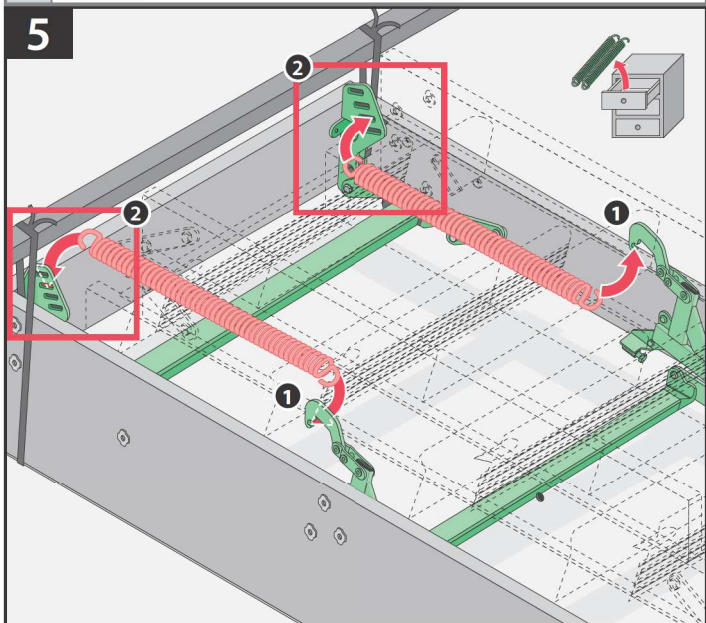


US	Attach rope loops to all four corners. Secure the ladder on temporary support boards
ES	Coloque cuerdas en las cuatro esquinas. Asegure la escalera sobre tablas de soporte temporales.
FR	Attachez des boucles de corde aux quatre coins. Sécurisez les escaliers sur des planches de soutien temporaires

4



US	Depending on the size of the model, hook one end of the spring into the 3rd or 4th hole and attach the other end to the arm component, as shown below.
ES	Dependiendo del tamaño del modelo, enganche un extremo del soporte en el tercer o cuarto hueco y sujete el otro extremo al componente del brazo, como se muestra a continuación.
FR	Selon la taille du modèle, accrochez une extrémité du ressort dans le 3e ou le 4e trou et fixez l'autre extrémité à l'élément du bras comme indiqué ci-dessus.



LWF 60 H" A" x B" NRL ART. Info: www.fakro.com kg W = m² L = 	A x B / H 25" x 47" / 9' 2½" 22 ½" x 54" / 10' 1½" 25" x 54" / 10' 1½" 30" x 54" / 10' 1½"	
---	---	--

LWF 60 H" A" x B" NRL ART. Info: www.fakro.com kg W = m² L = 	A x B / H 22 ½" x 47" / 9' 2½"	
---	---	--

US

Assemble the arms, ensuring the bolts are positioned in the correct direction, as shown.

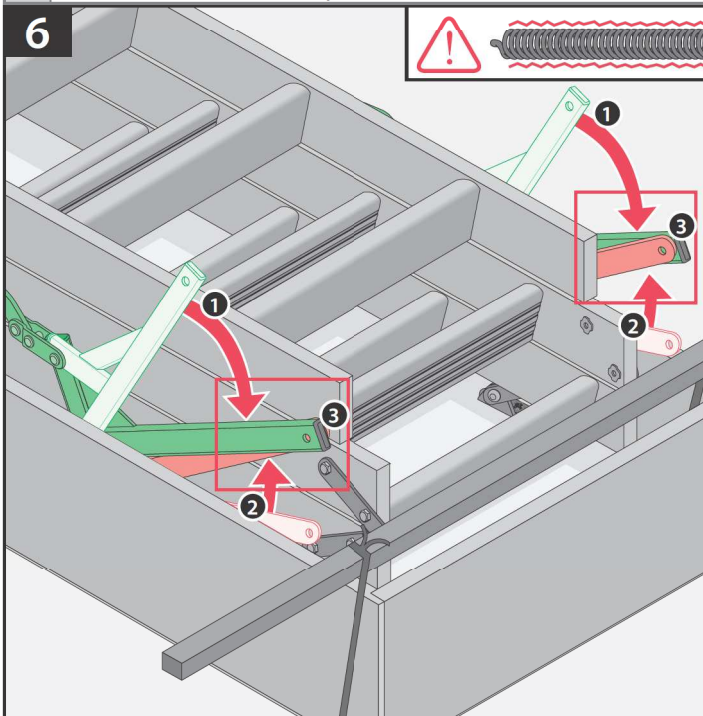
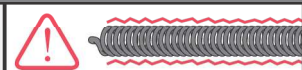
ES

Monte los brazos, asegurándose de que los pernos estén colocados en la dirección correcta, tal como se muestra.

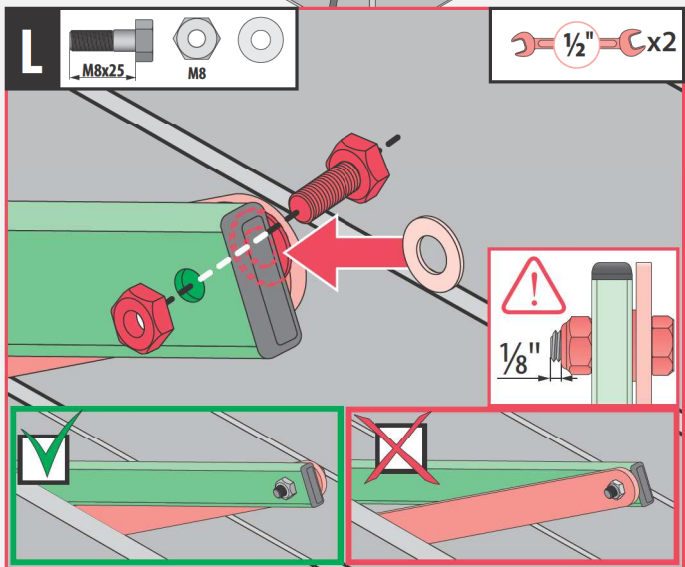
FR

Assemblez les bras en vous assurant que les boulons sont positionnés dans le bon sens, comme indiqué.

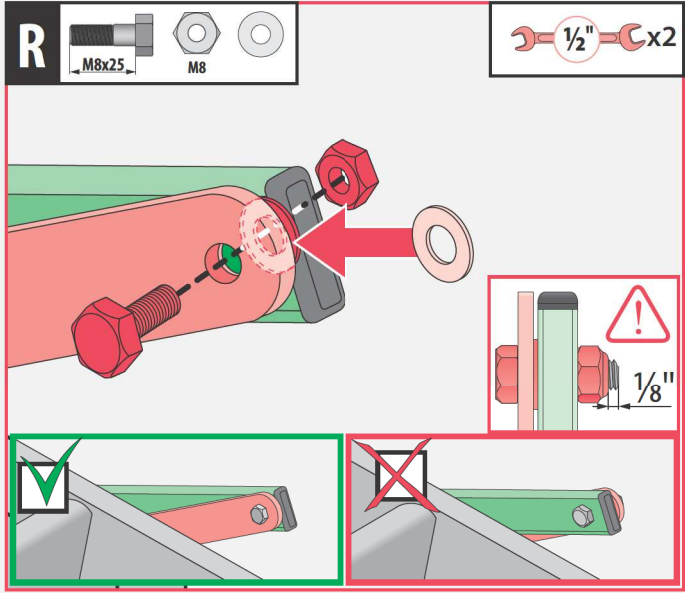
6



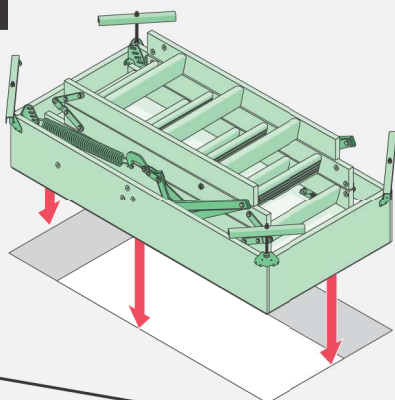
L



R

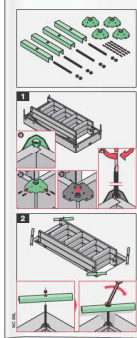


7

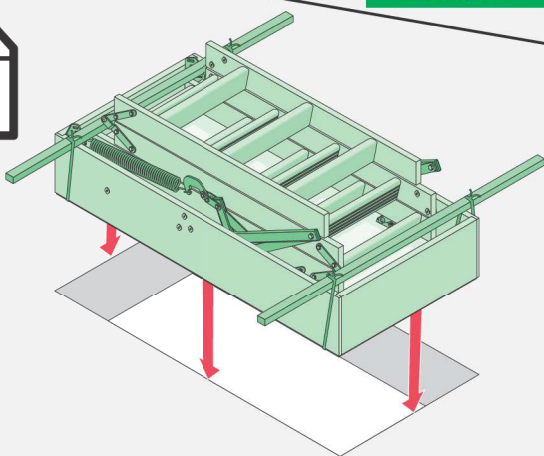


LXK

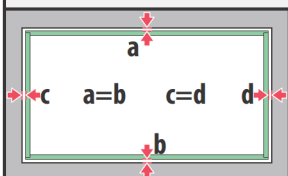
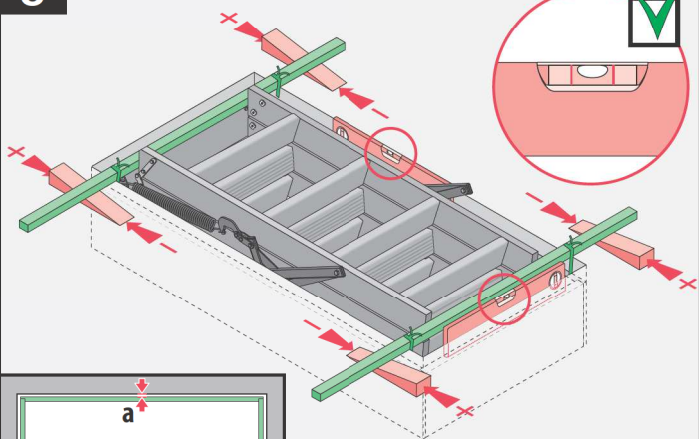
FAKRO



NC 99L



8



US

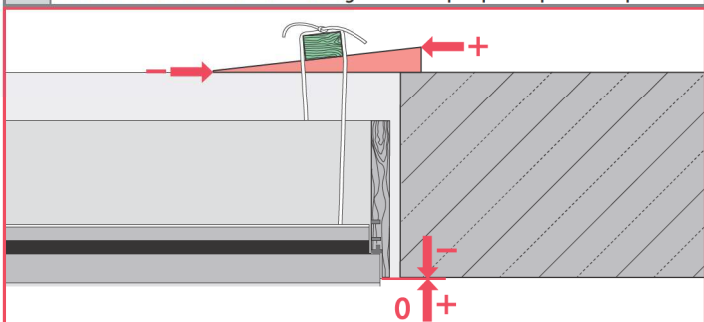
Use shims to level the ladder. Ensure the edge of the ladder frame aligns with the ceiling drywall

ES

Utilice cuñas para nivelar la escalera. Asegúrese de que el borde del marco de la escalera esté alineado con el techo de la estancia.

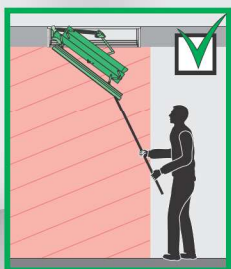
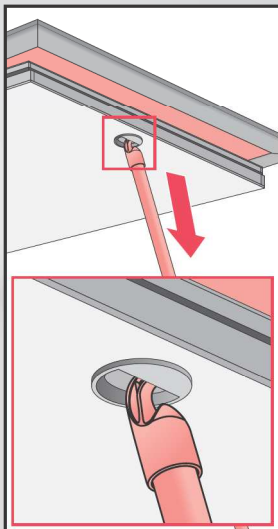
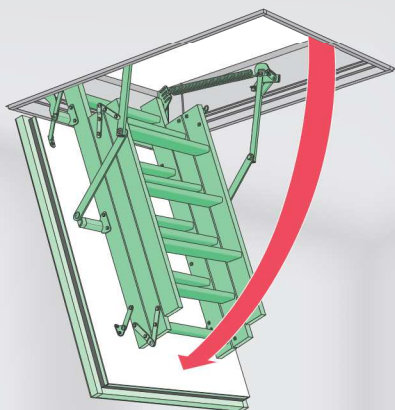
FR

Utilisez des cales pour mettre l'escalier à niveau. Assurez-vous que le bord du cadre de l'escalier est aligné avec la plaque de plâtre du plafond.



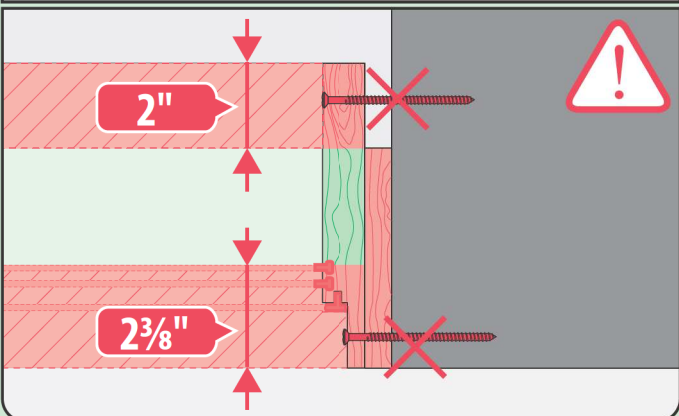
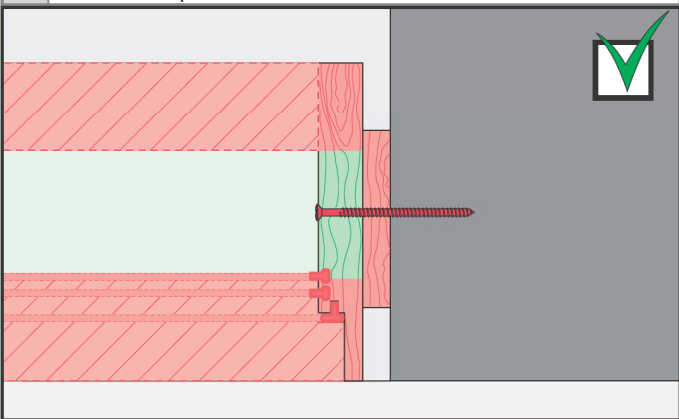
US	Fully open the door using the control rod.
ES	Abra completamente la trampilla utilizando la varilla.
FR	Ouvrez complètement la trappe à l'aide de la perche.

9



i

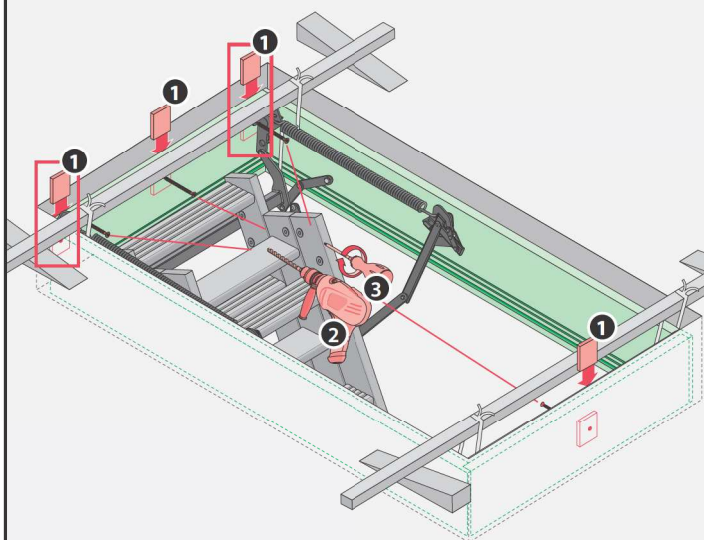
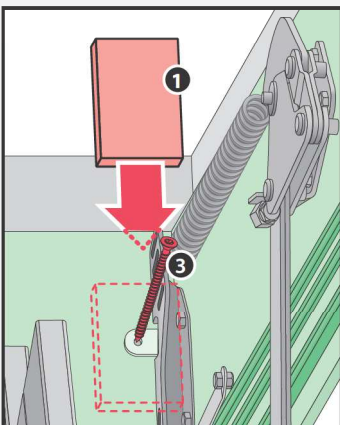
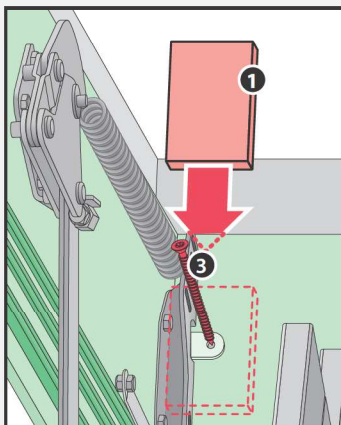
US	Use shims with all installation screws to prevent frame bowing
ES	Utilice arandelas con todos los tornillos de instalación para evitar que el marco se doble
FR	Utilisez des rondelles pour toutes les vis de montage afin d'éviter que le cadre ne se plie



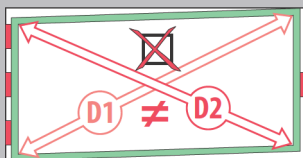
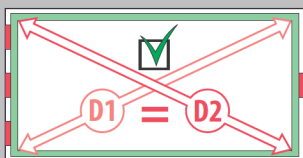
US	1 – Place shims for alignment 2 – Drill holes at marked points 3 – Insert and tighten screws	
ES	1 – Coloque los tacos para la alineación 2 – Realice los taladros en los puntos marcados 3 – Inserte y apriete los tornillos	
FR	1 – Placez des cales pour l'alignement 2 – Percez des trous aux points marqués 3 – Insérez et serrez les vis	

10

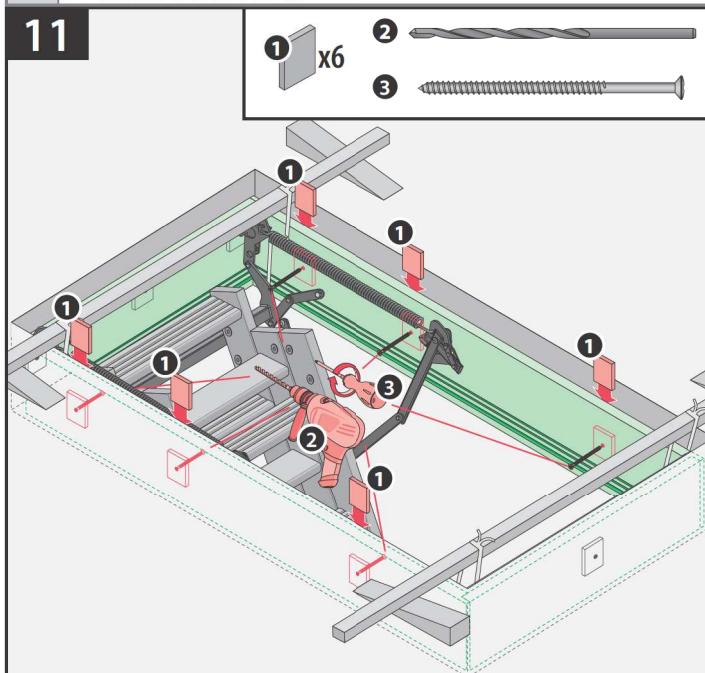
1 x4



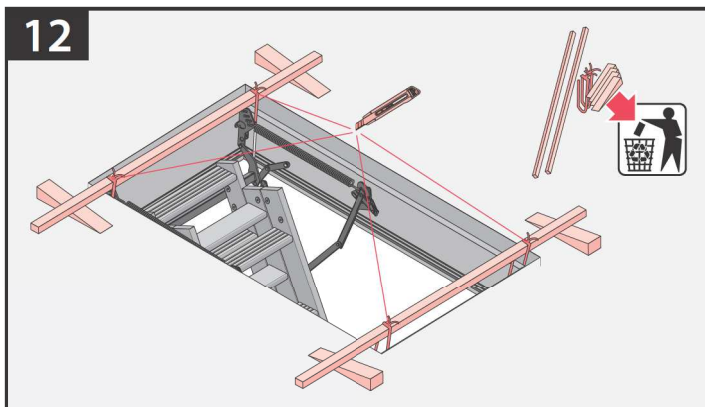
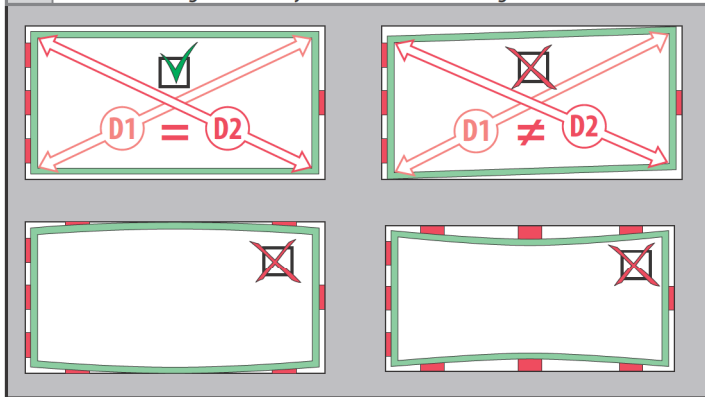
US	Check diagonals and adjust installation screws if necessary
ES	Compruebe las diagonales y ajuste los tornillos de instalación si es necesario
FR	Vérifiez les diagonales et ajustez les vis de montage si nécessaire



US	1 – Place shims for alignment 2 – Drill holes at marked points 3 – Insert and tighten screws
ES	1 – Coloque los tacos para la alineación 2 – Realice los taladros en los puntos marcados 3 – Inserte y apriete los tornillos
FR	1 – Placez des cales pour l'alignement 2 – Percez des trous aux points marqués 3 – Insérez et serrez les vis

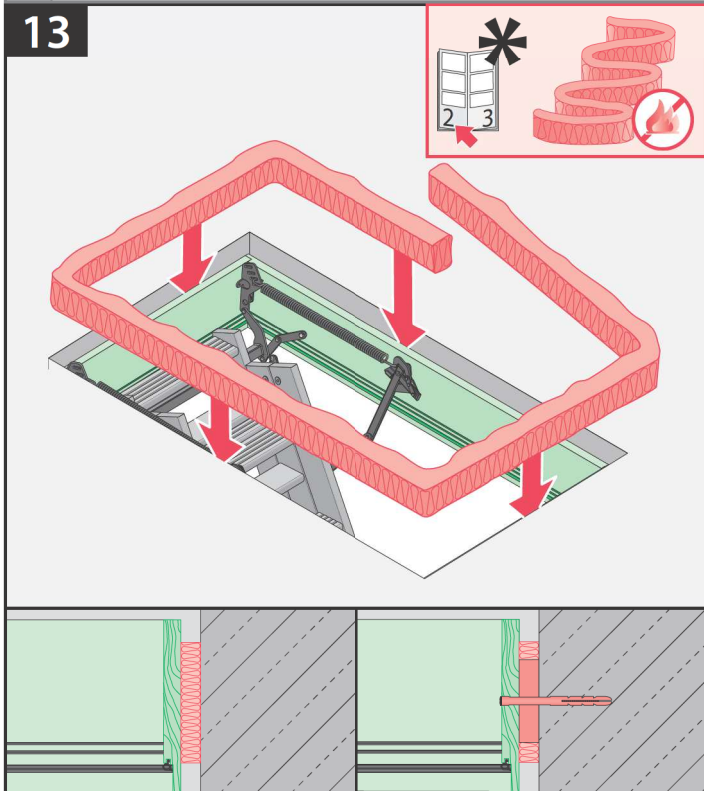


US	Check diagonals and adjust installation screws if necessary
ES	Compruebe las diagonales y ajuste los tornillos de instalación si es necesario
FR	Vérifiez les diagonales et ajustez les vis de montage si nécessaire



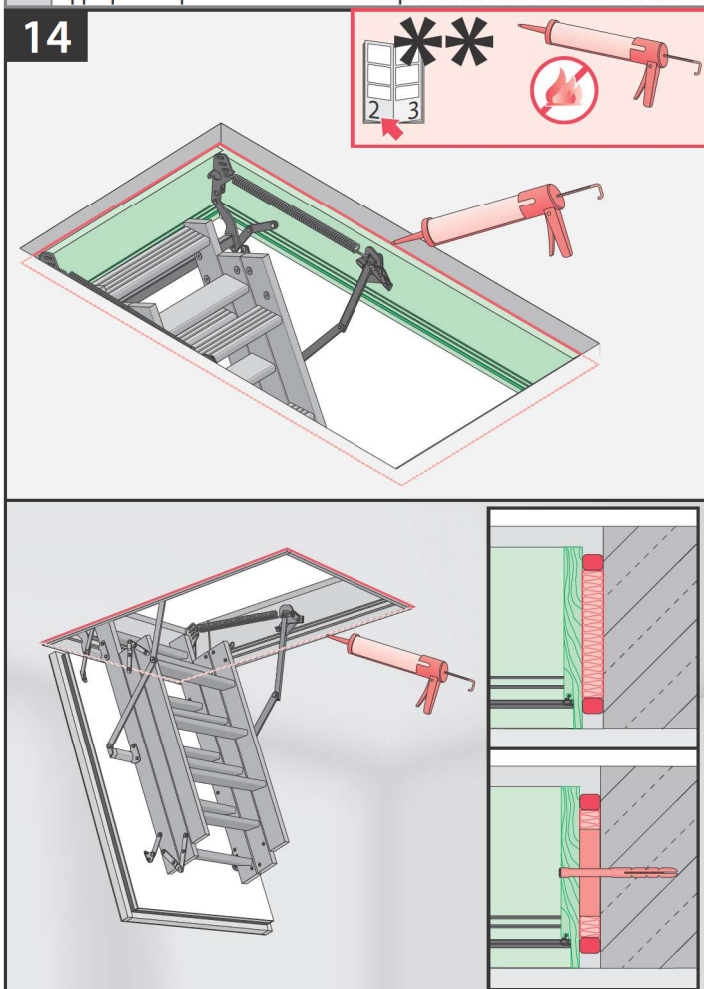
US	Insulate the gap between the ladder frame and the rough opening framing
ES	Aísle el espacio entre el marco de la escalera y el hueco en el cual se instalará la escalera.
FR	Isolez l'espace entre le cadre de l'escalier et l'ouverture du plafond

13



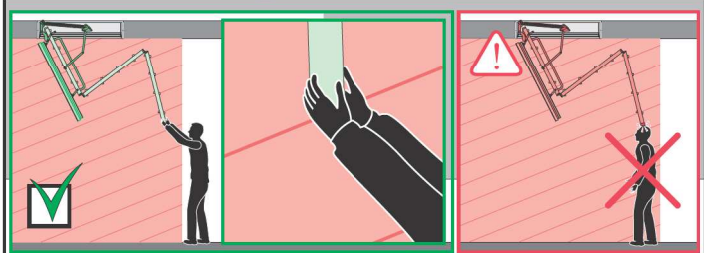
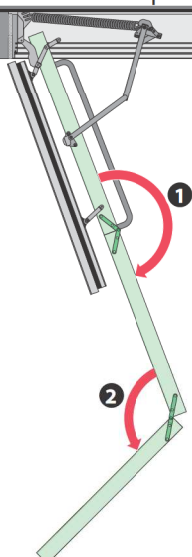
US	Apply fire barrier sealant at the top and bottom of the frame.
ES	Aplique sellador de barrera contra incendios en la parte superior e inferior del marco.
FR	Appliquez un produit d'étanchéité coupe-feu en haut et en bas du cadre.

14



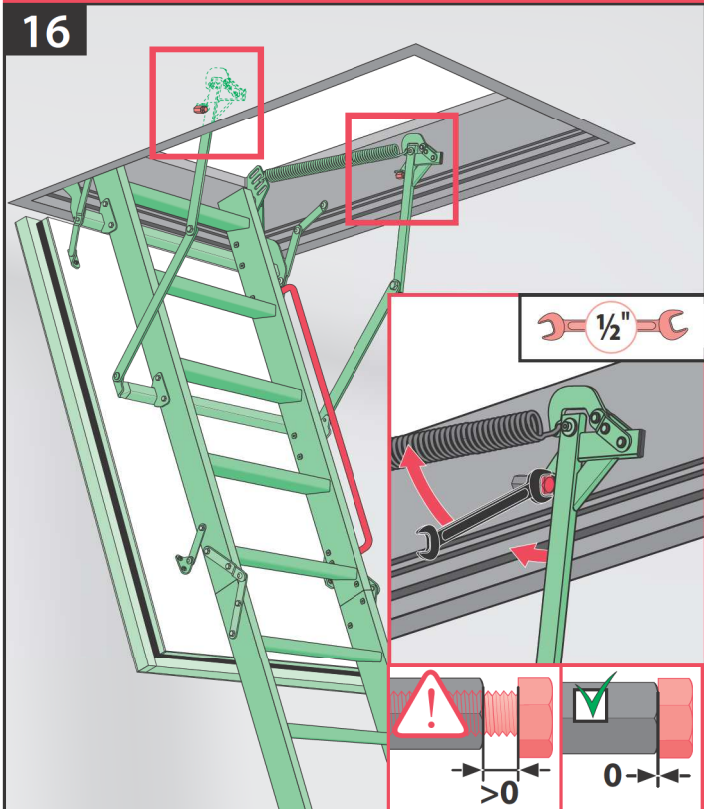
US	Carefully unfold the ladder, bending the last section backward
ES	Despliegue con cuidado la escalera, doblando el último tramo hacia atrás.
FR	Dépliez soigneusement l'échelle en pliant la dernière section vers l'arrière

15

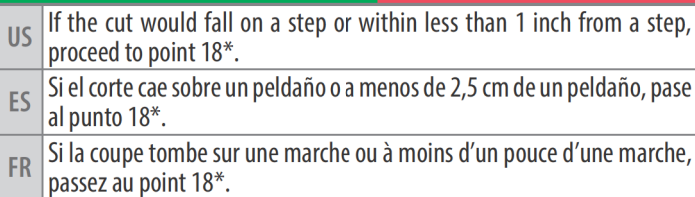
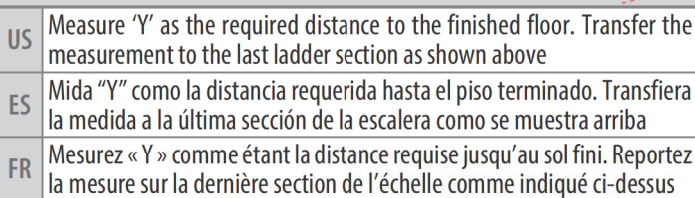


US	Before cutting the ladder, check whether the adjustment screw is screwed in as far as possible (0 mm)
ES	Antes de cortar la escalera, compruebe si el tornillo de ajuste está apretado al máximo (0 mm)
FR	Avant de couper l'échelle, vérifiez si la vis de réglage est vissée le plus profondément possible (0 mm)

16

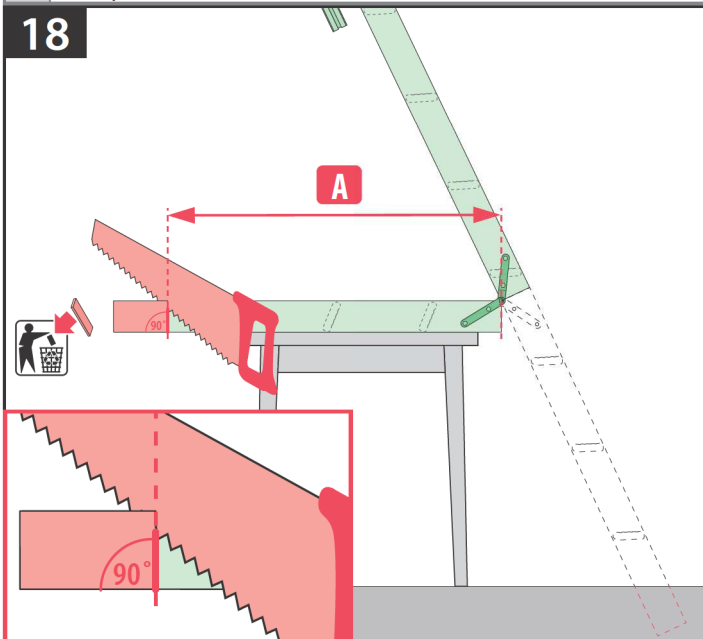


A = Y - 3/8"



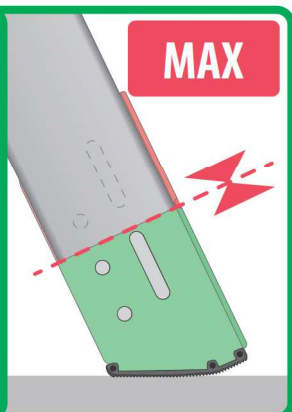
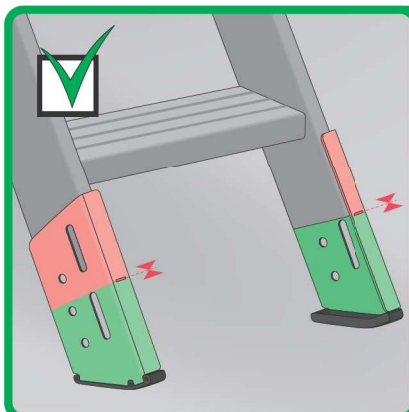
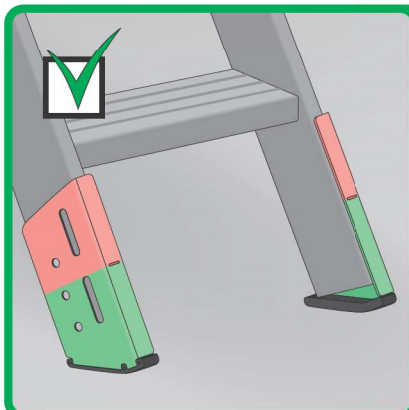
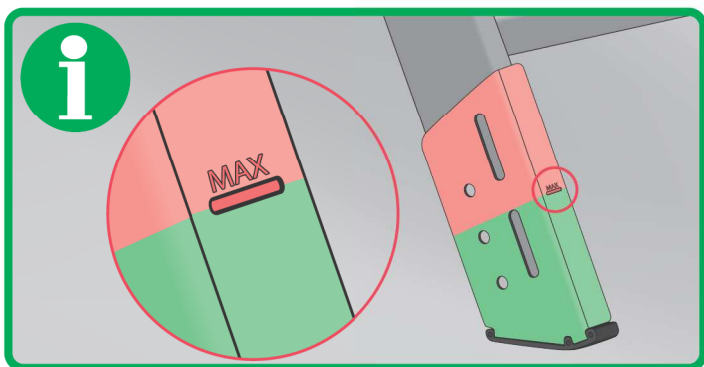
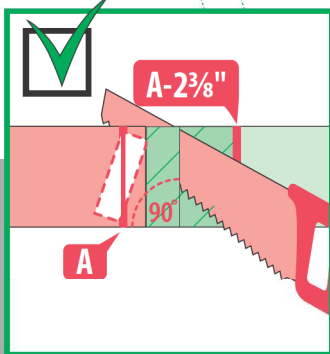
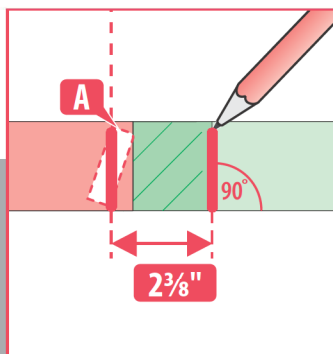
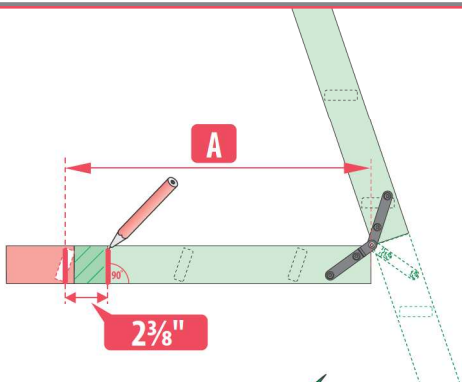
US	Cut the ladder according to the guidelines shown below.
ES	Corte la escalera siguiendo las pautas mostradas a continuación.
FR	Découpez l'échelle en suivant les indications ci-dessous.

A

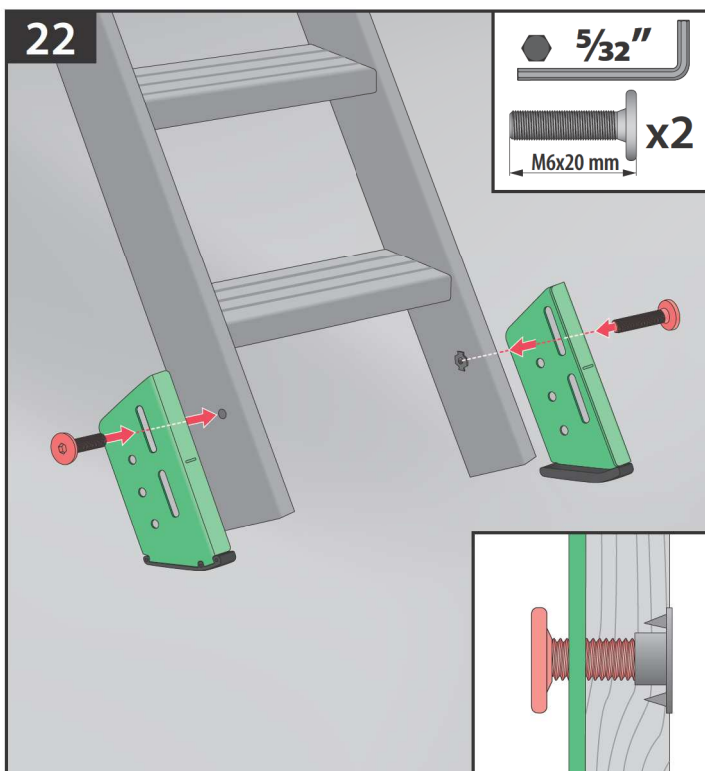
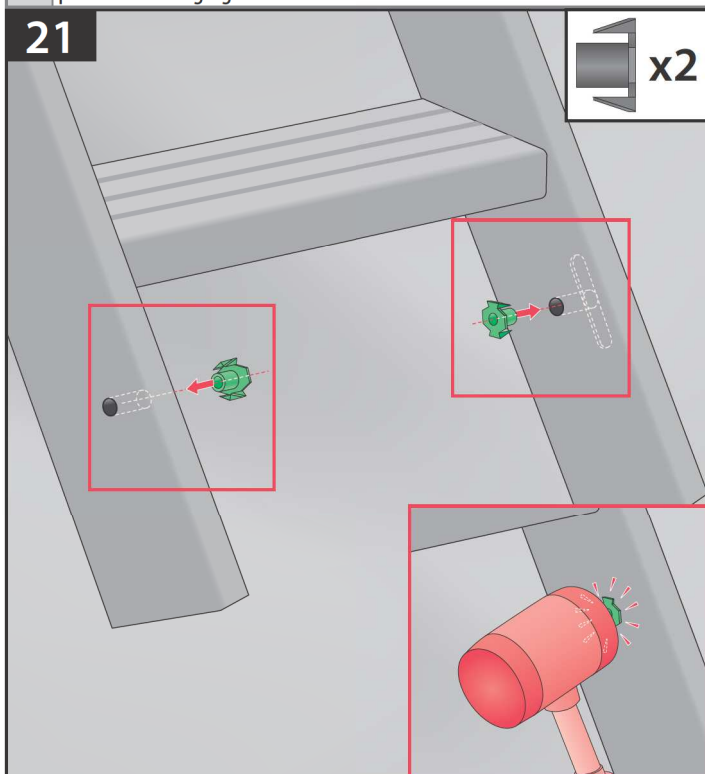


US	Cut the ladder according to the guidelines shown below.
ES	Corte la escalera siguiendo las pautas mostradas a continuación.
FR	Découpez l'échelle en suivant les indications ci-dessous.

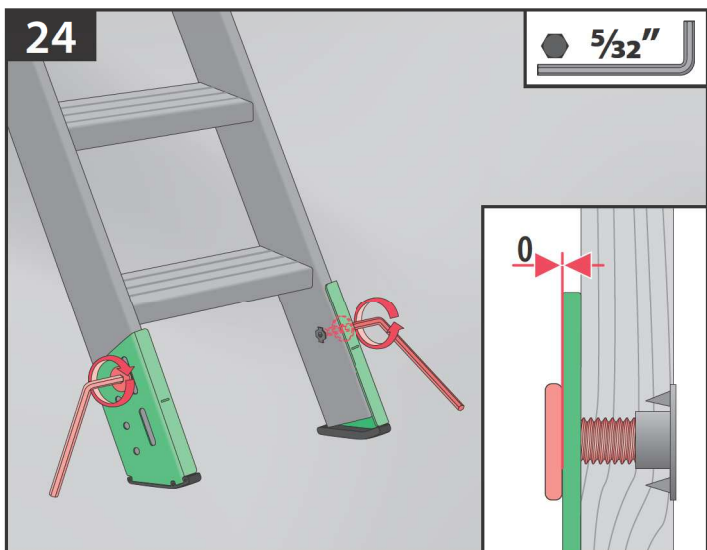
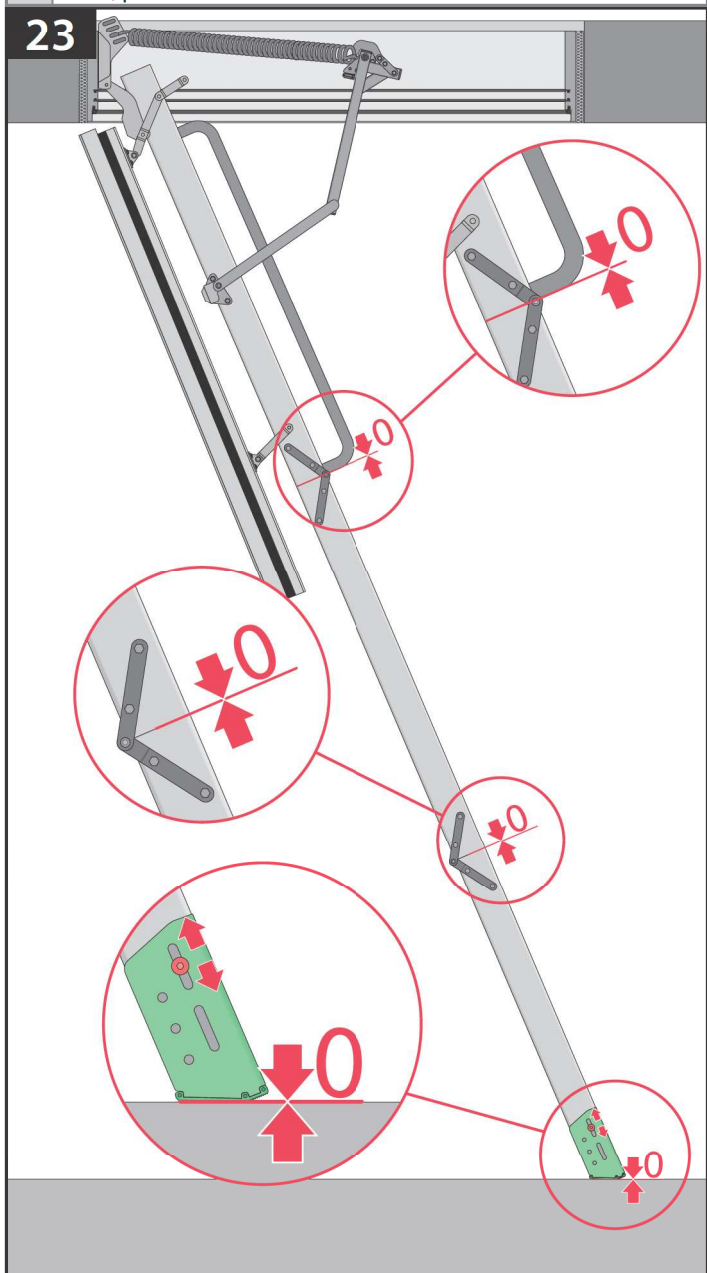
18*



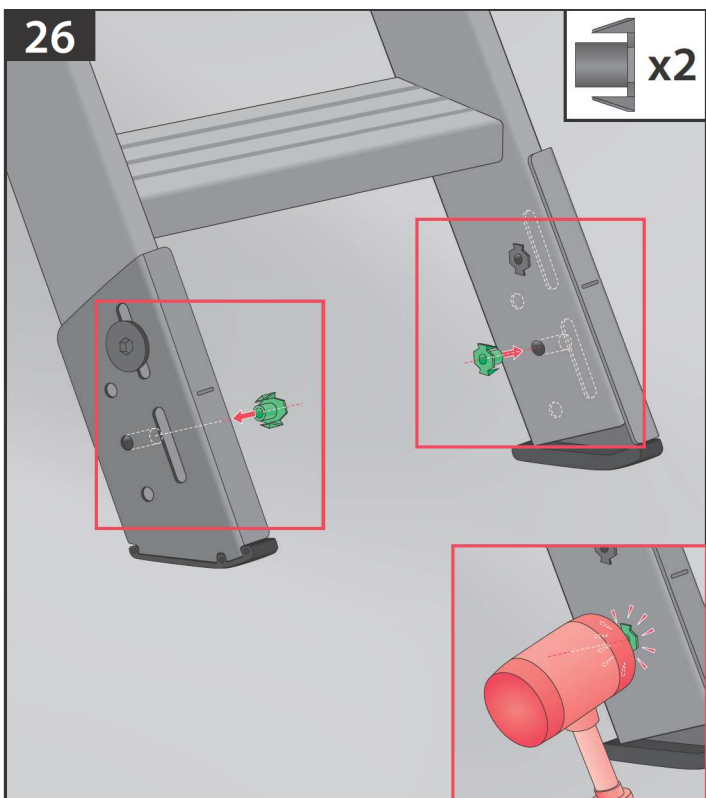
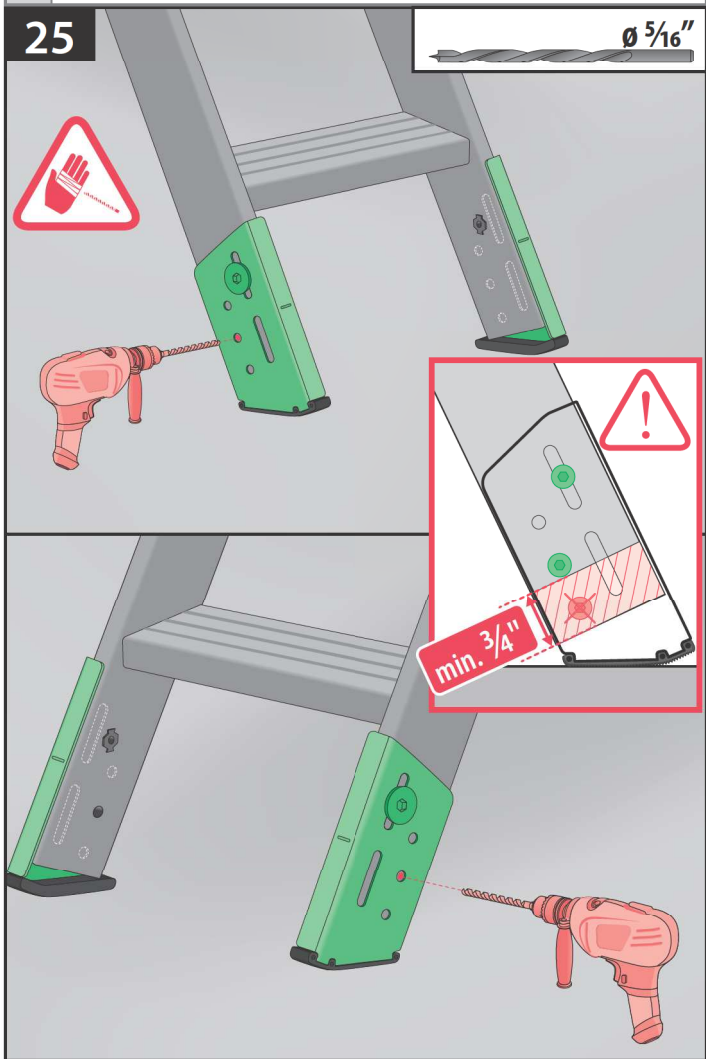
US	Insert one claw nut on each side. Then attach the end caps using one screw per side. Leave the screws slightly loose to allow for adjustment.
ES	Inserte una tuerca de garra en cada lado. Luego, coloque los topes finales utilizando un tornillo por lado. Deje los tornillos ligeramente sueltos para permitir el ajuste.
FR	Insérez un écrou à griffes de chaque côté. Fixez ensuite les embouts à l'aide d'une vis par côté. Laissez les vis légèrement desserrées pour permettre le réglage.



US	Adjust the end caps so that the entire ladder forms a straight line, then tighten the screws securely.
ES	Ajuste los topes finales de modo que toda la escalera forme una línea recta, luego apriete los tornillos de forma segura.
FR	Ajustez les embouts de manière à ce que l'échelle entière forme une ligne droite, puis serrez fermement les vis.



US	Drill a second hole on each side, insert a claw nut, and secure with a bolt.
ES	Taladre un segundo orificio en cada lado, inserte una tuerca de garra y asegúrela con un perno.
FR	Percez un deuxième trou de chaque côté, insérez un écrou à griffes et fixez-le à l'aide d'un boulon.

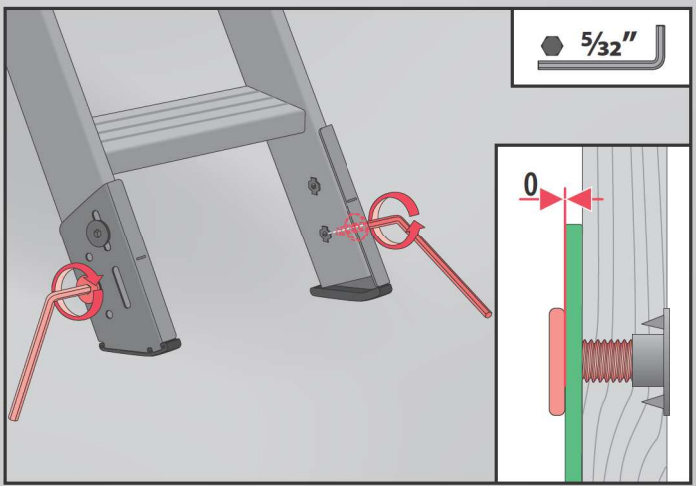


27

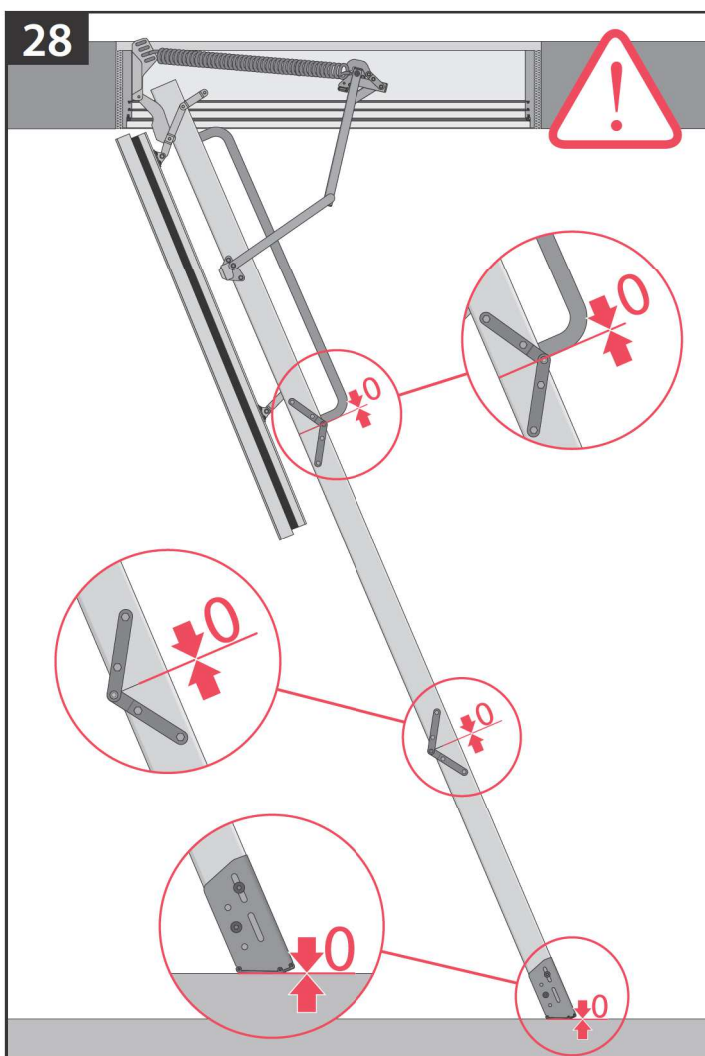
M6x20 mm x2



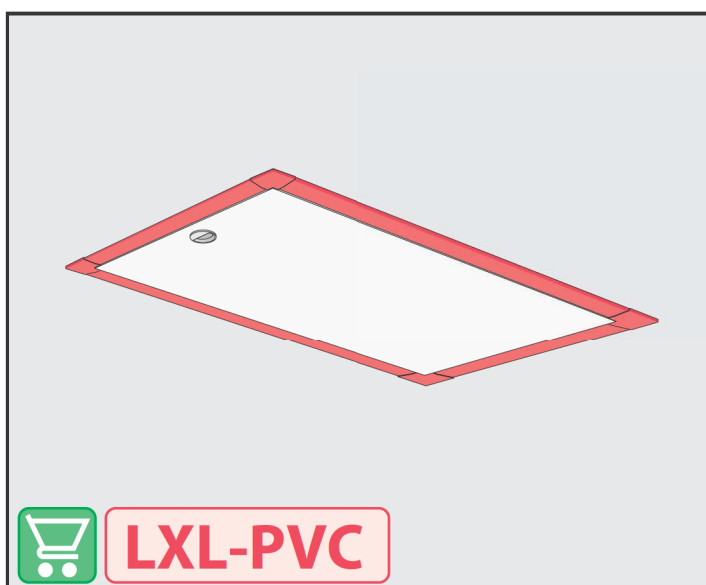
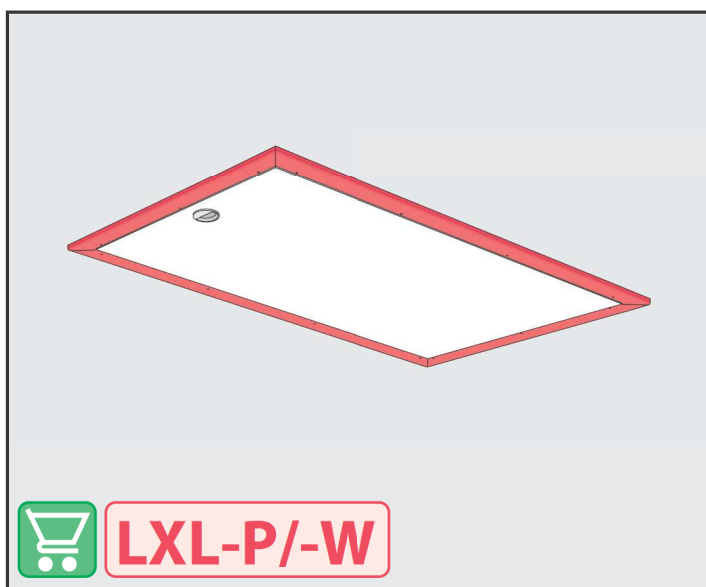
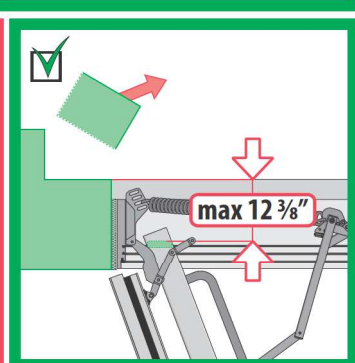
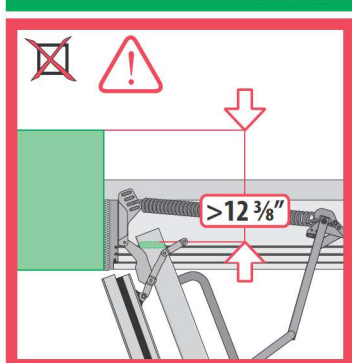
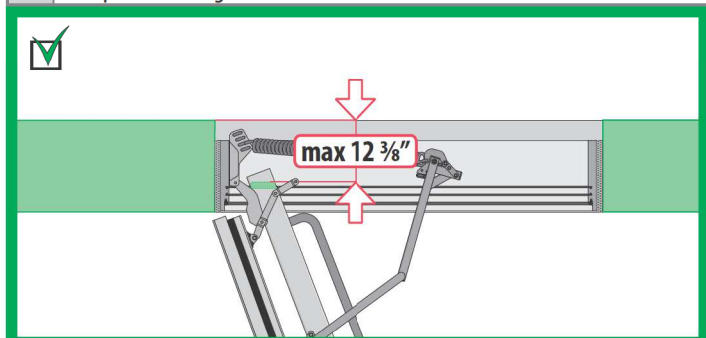
5/32"

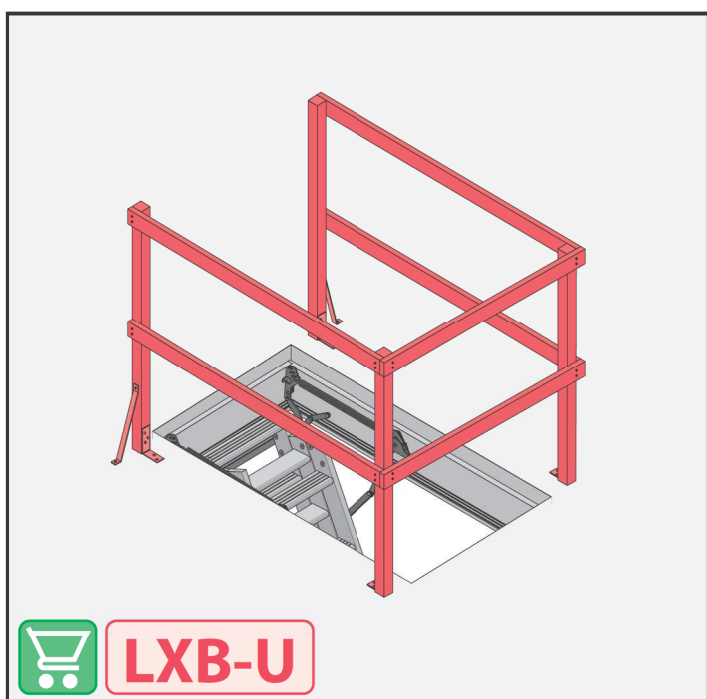
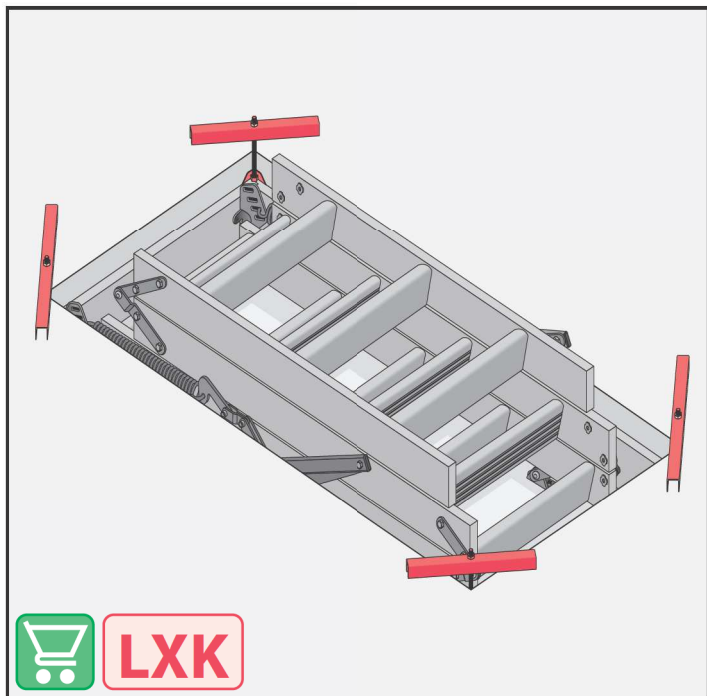


28



US	Maximum recommended distance from the last step to attic floor.
ES	Distancia máxima recomendada desde el último escalón hasta el piso del ático.
FR	Distance maximale recommandée entre la dernière marche de l'échelle et le plancher du grenier.





WARNING! - ATTENTION! - CUIDADO! SAFETY & MAINTENANCE



US FIRE-RESISTANT ATTIC STAIRS

ES ESCALERA ESCAMOTEABLE IGNÍFUGA

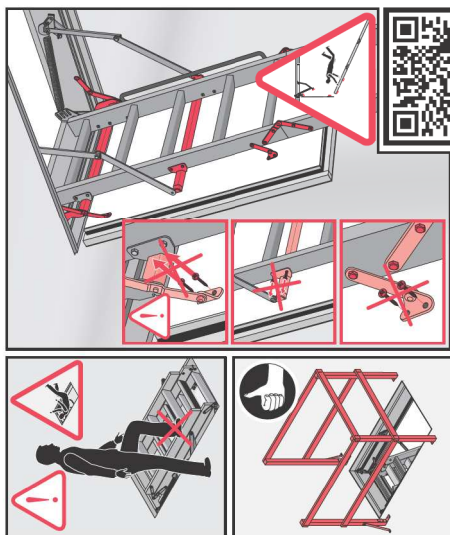
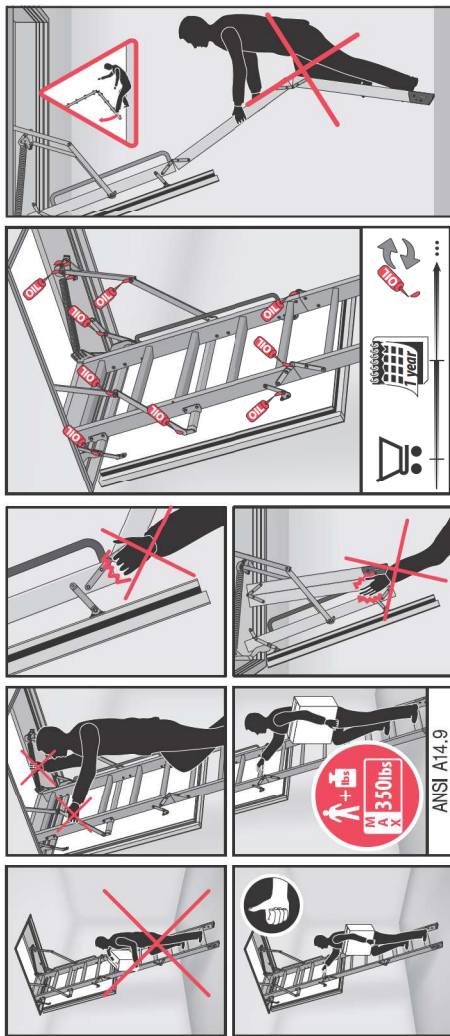
FR ESCALIER ESCAMOTABLE COUPE-FEU



US. CERTIFIED

FAKRO®

www.fakrousa.com, www.fakro.ca



SAFETY! - SÉCURITÉ! - SEGURIDAD!

<https://www.fakrousa.com/safety-instructions/>

SEALED & INSULATED

[inch] 1 2 3 4 5

US

Manufacturer and Seller shall bear no liability for failure to comply with the applicable laws, building codes and safety requirements by the user of the product, architect, fitter or owner of the building.

ES

El fabricante y el vendedor no tienen ninguna responsabilidad por el incumplimiento de la ley vigente, normas de construcción y exigencias de seguridad por parte del usuario del producto, arquitecto, instalador o el propietario del edificio.

FR

Le fabricant et le revendeur ne prend aucune responsabilité de ne pas respecter les lois applicables, les règlements sur les bâtiments et les exigences de sécurité par l'utilisateur du produit, l'architecte, l'installateur ou le propriétaire du bâtiment.