



ALLIED MAKER

MADE IN NEW YORK

Trimless Mini Orb

Drywall
Installation Guide

212-334-7333

help@alliedmaker.com

LIVING FINISHES

Wear Gloves!



THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE
INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND
OPERATION OF THE PRODUCT AND HAZARDS INVOLVED



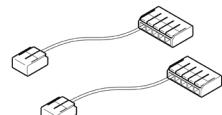
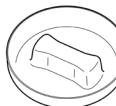
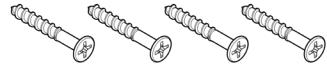
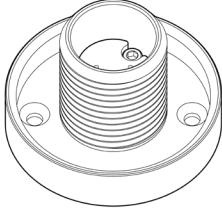
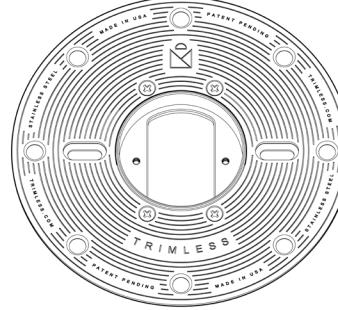


Scan for installation video

<https://alliedmaker.wistia.com/medias/wxyng7n3l3>

Visit www.trimless.com to learn more about the system

Contents Included

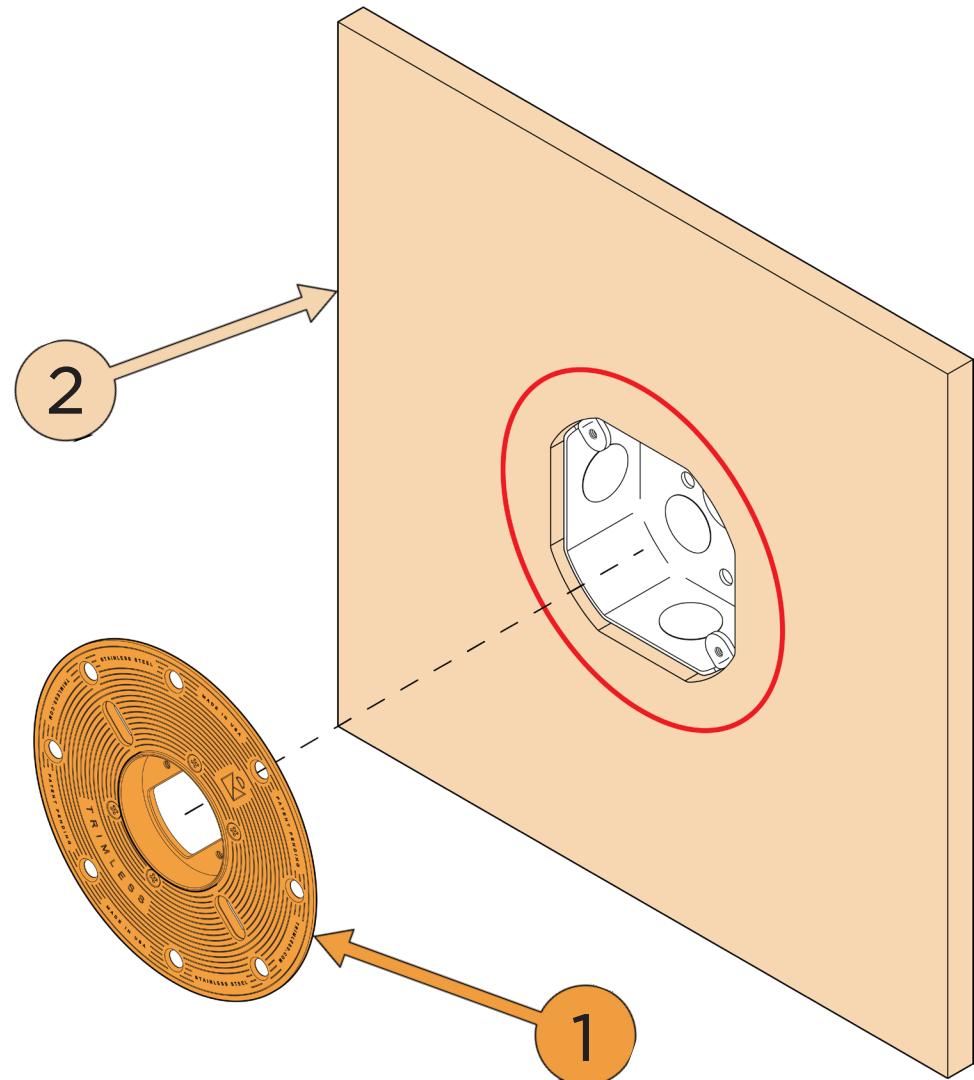
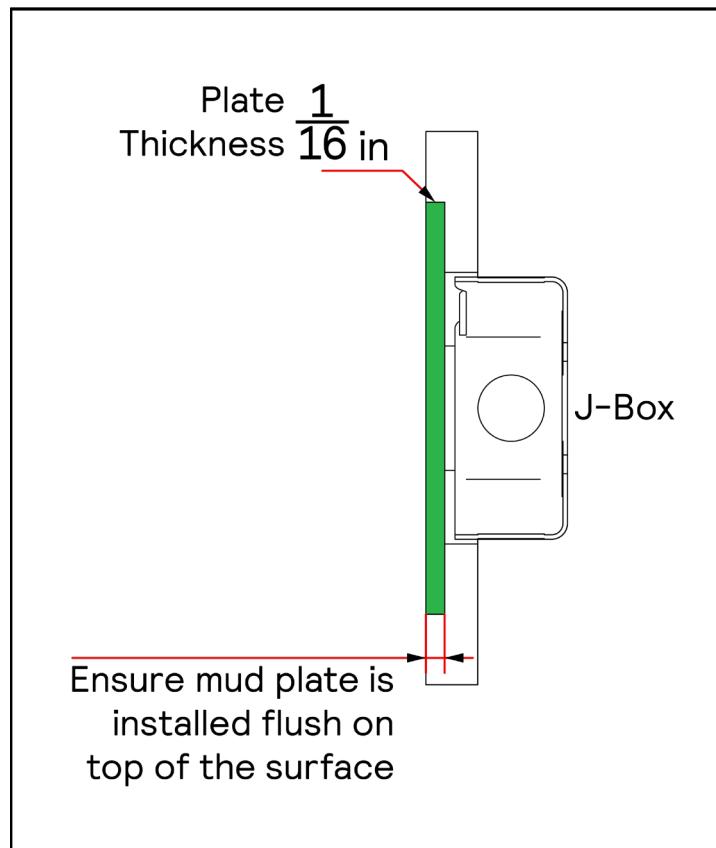
 2x Wago Clip Wire Lead	 Plug	 Light Bulb	 Glass	 4x Stainless Steel Drywall Screw
 Lighting Fixture	 Mud Plate		 2x 8-32 Screw	 2x 6-32 Screw

1

Using the mud plate ①

draw a circle on the drywall ②

Cut out and remove about 1/16"
in depth of the inner area to fit the
mud plate ① flush onto the drywall ②



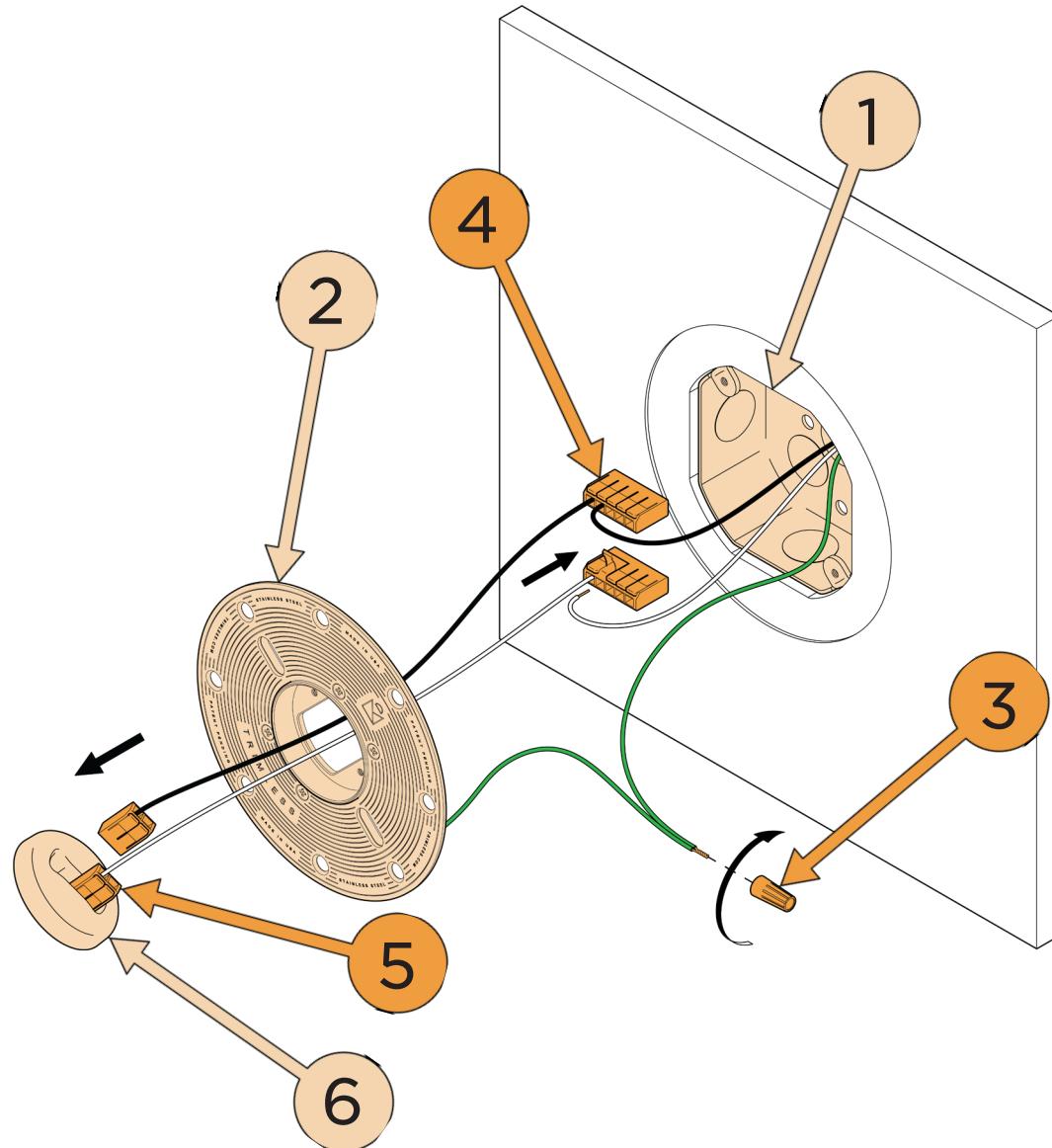
2

Connect the ground wire from the junction box **1** with the ground wire from the mud plate **2** using a wire nut **3**

Connect the wires from the junction box **1** to the five port wago clips **4**

Travel the two port wago clip **5** wire leads through the mud plate **2** and insert into the plug **6**

Insert the plug **6** into the mud plate **2**



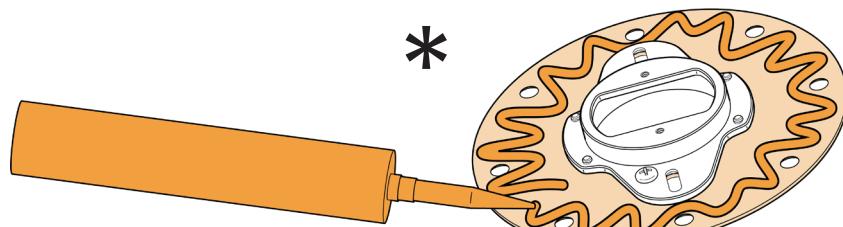
3

Mount the **mud plate** ① onto the junction box using the provided 8-32 screws ②

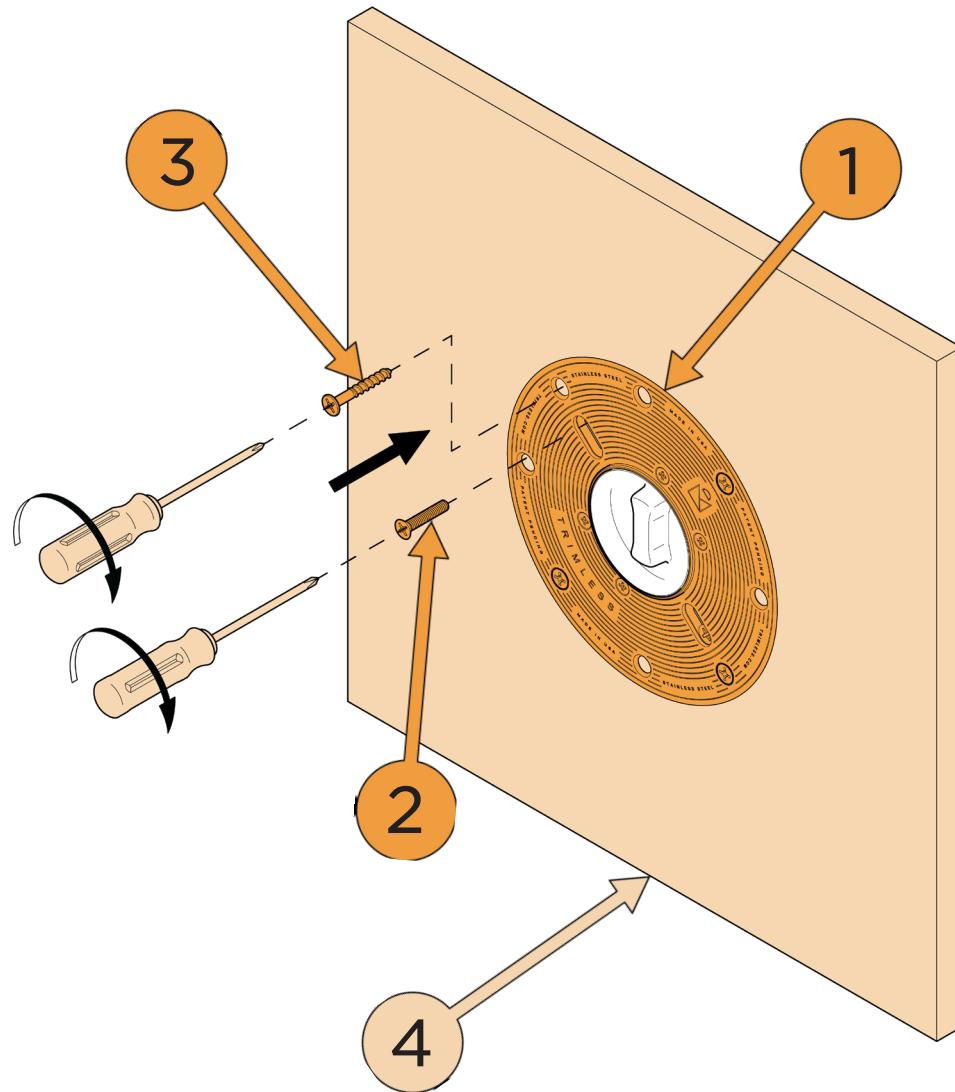
Fasten the **stainless steel drywall screws*** ③ through the perimeter holes of the mud plate ① and onto the drywall ④

*Use only the provided stainless steel drywall screws.

Using a different screw might lead to the screws rusting under the joint compound. A common black phosphorus coated drywall screw is not sufficient to prevent rust.

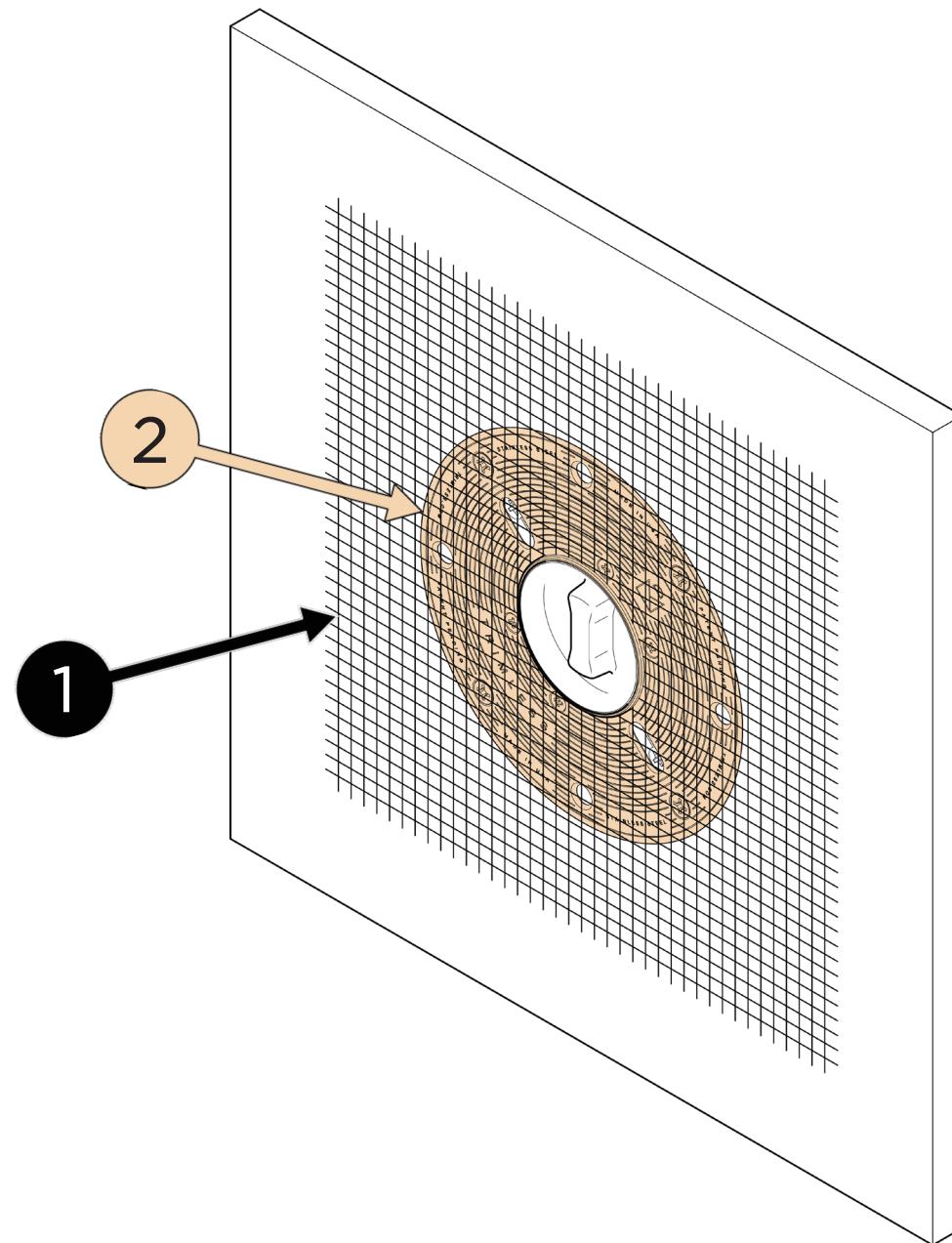


*Apply construction adhesive to the back of the mud plate before installing onto the drywall.



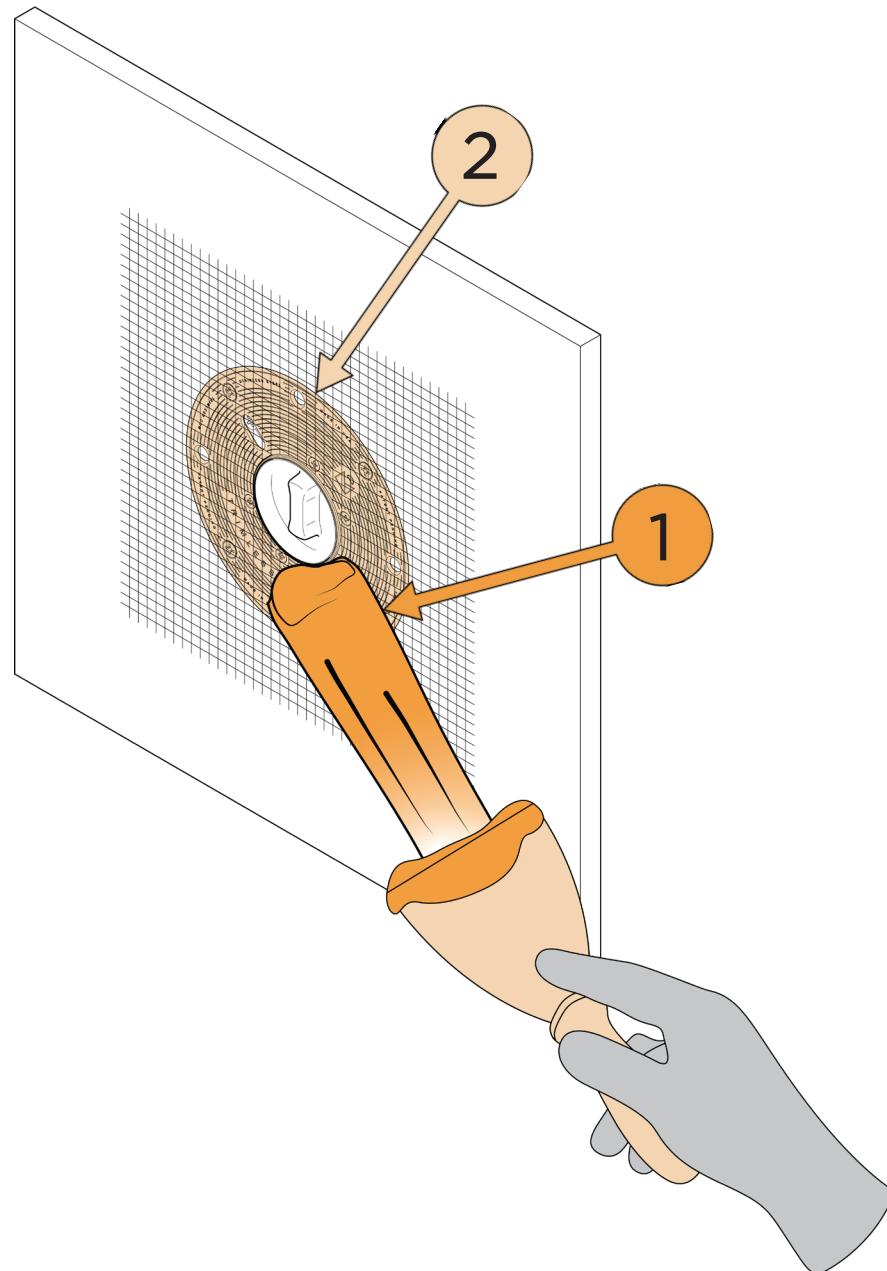
4

Cut out a centerhole on a
fiberglass mesh drywall tape ①
and apply over the mud plate ②



5

Spread joint compound **1** outward from the inner mud plate **2** rim in straight lines over the mud plate **2** to a length of about 1 ft to 1.5 ft.

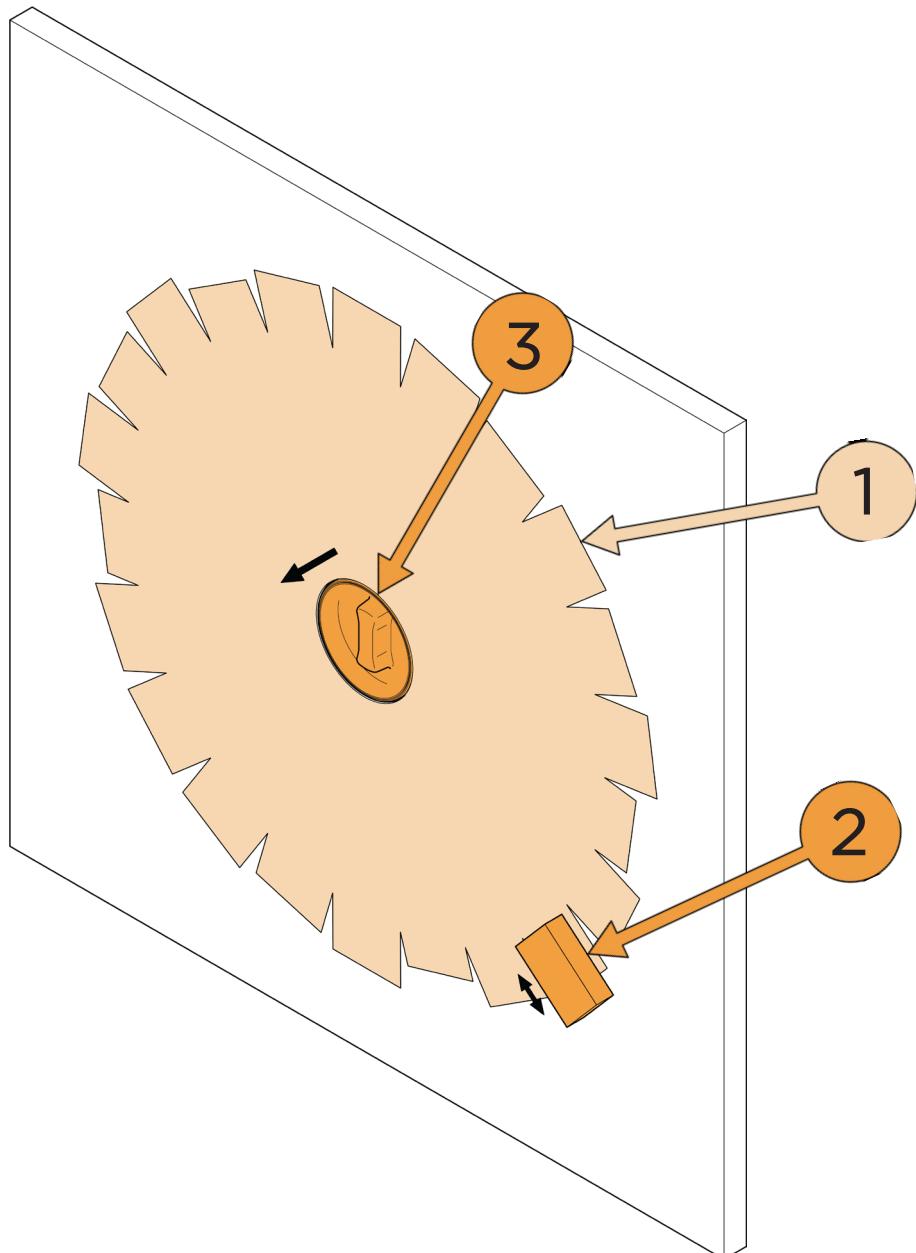


6

Smooth out the joint compound surface ① using a sanding sponge ② to blend it with the wall.

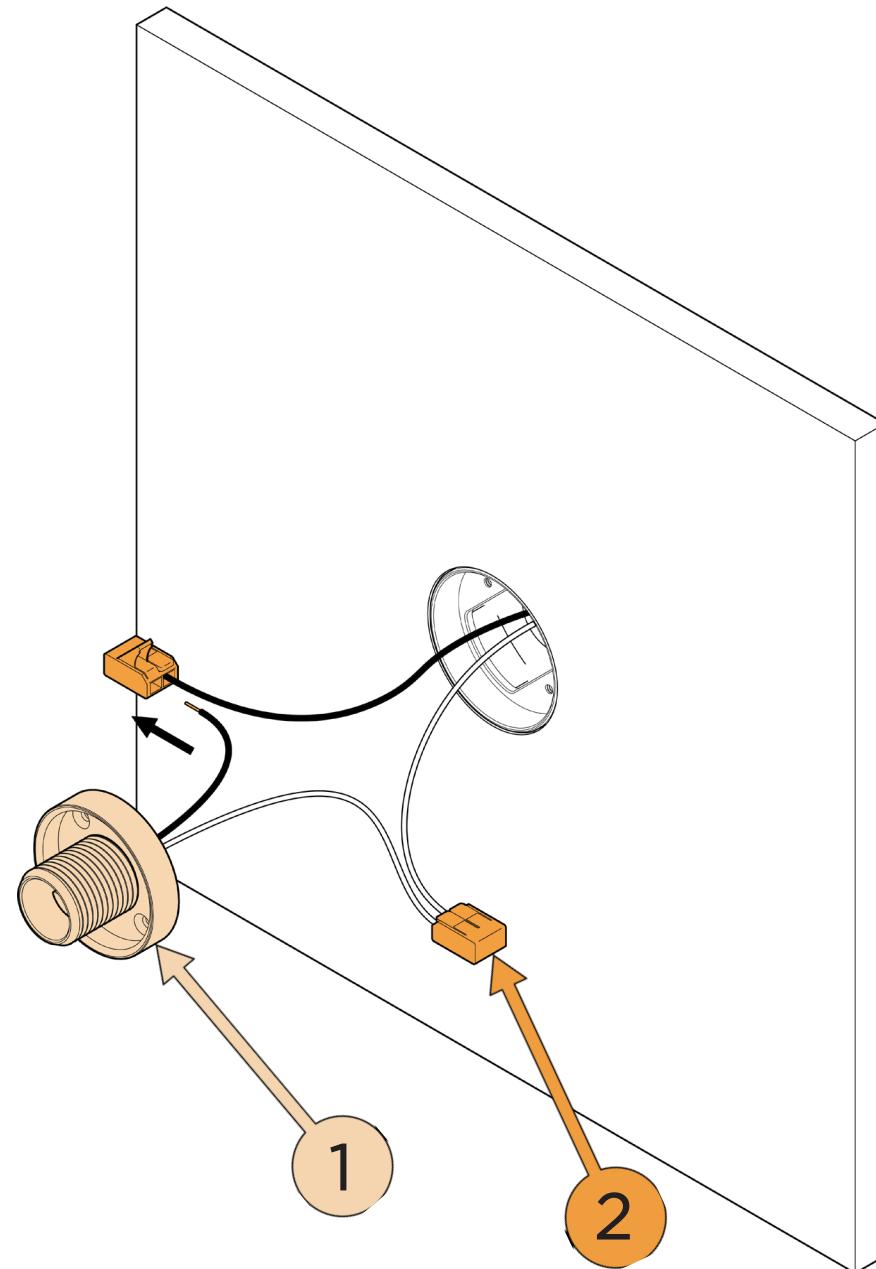
Remove the plug ③

Once satisfied with the joint compound spread, apply the desired finish.



7

Connect the wires from the lighting fixture **1** to the two port wago clip **2** wire leads.

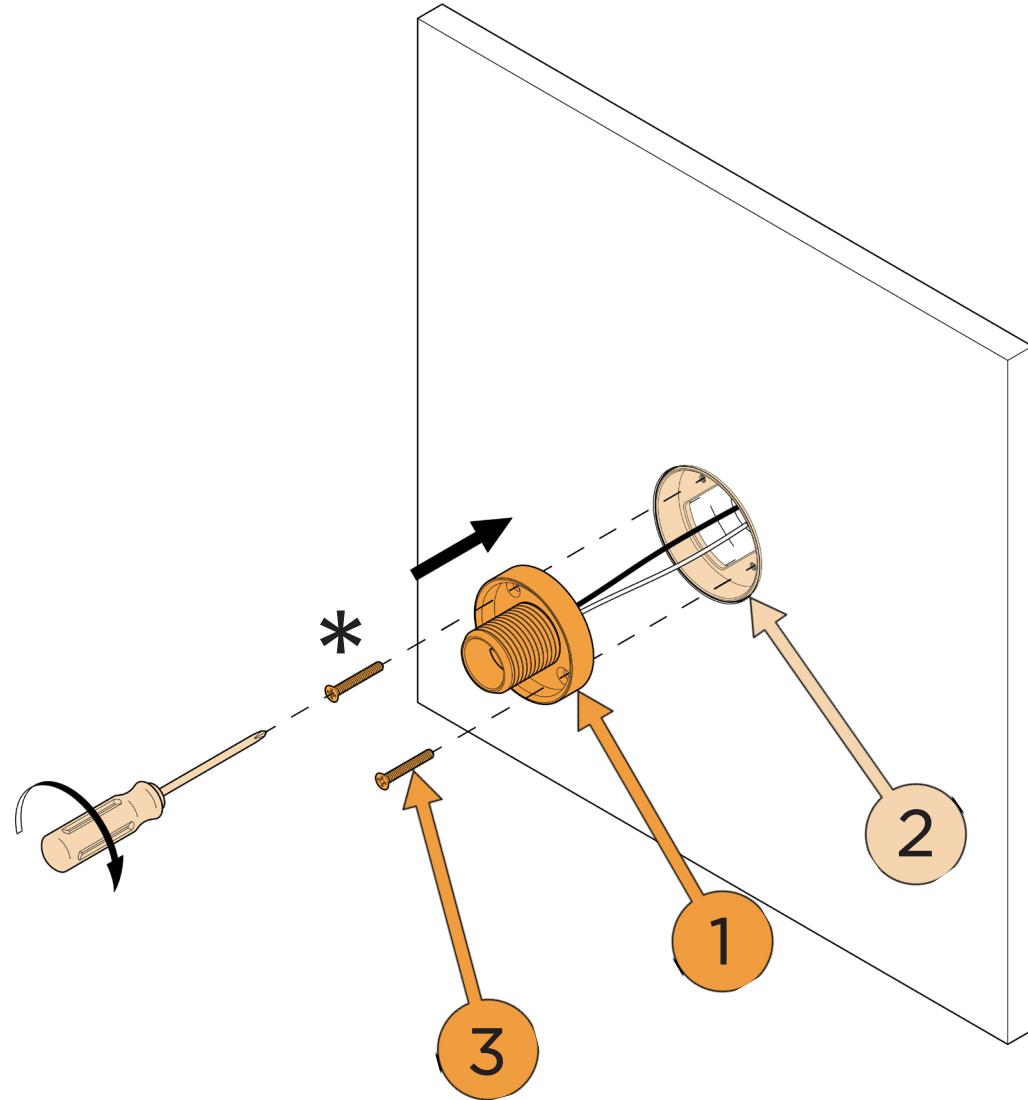


8

Mount the lighting fixture ① onto the mud plate ② using the provided 6-32 screws ③

*Do not overtighten the 6-32 screws.

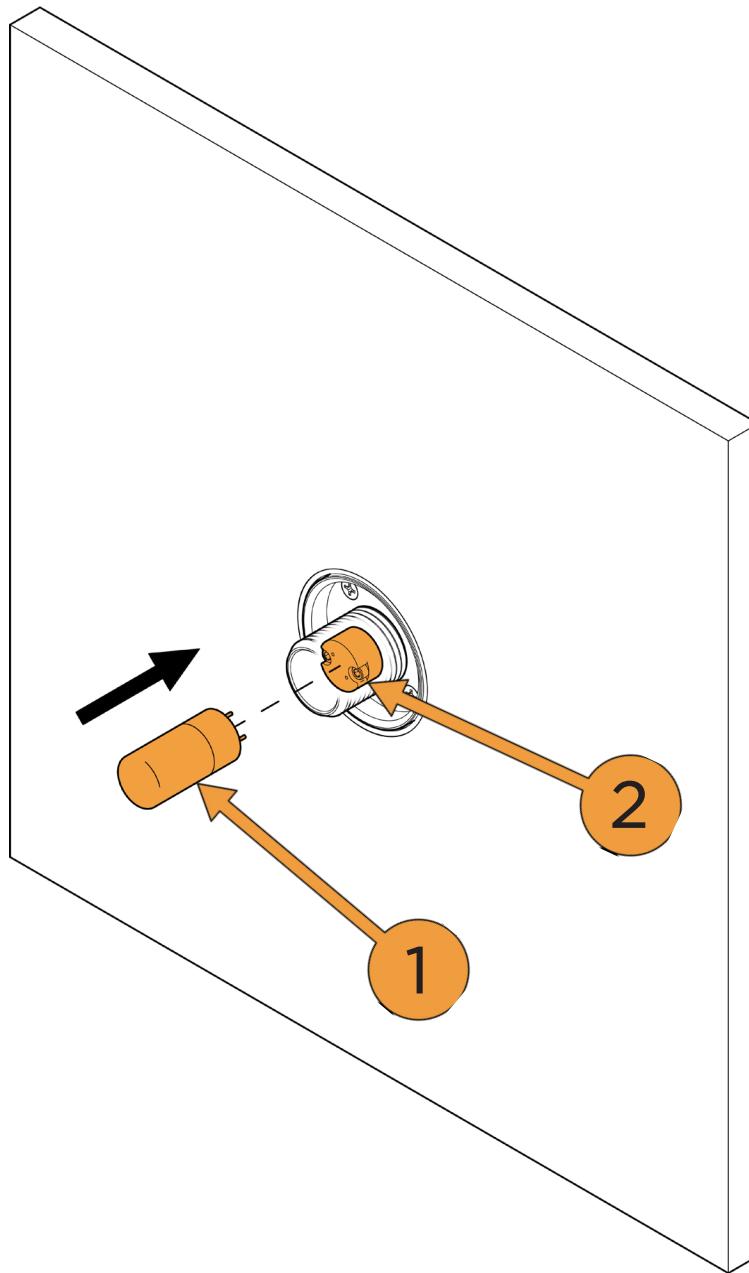
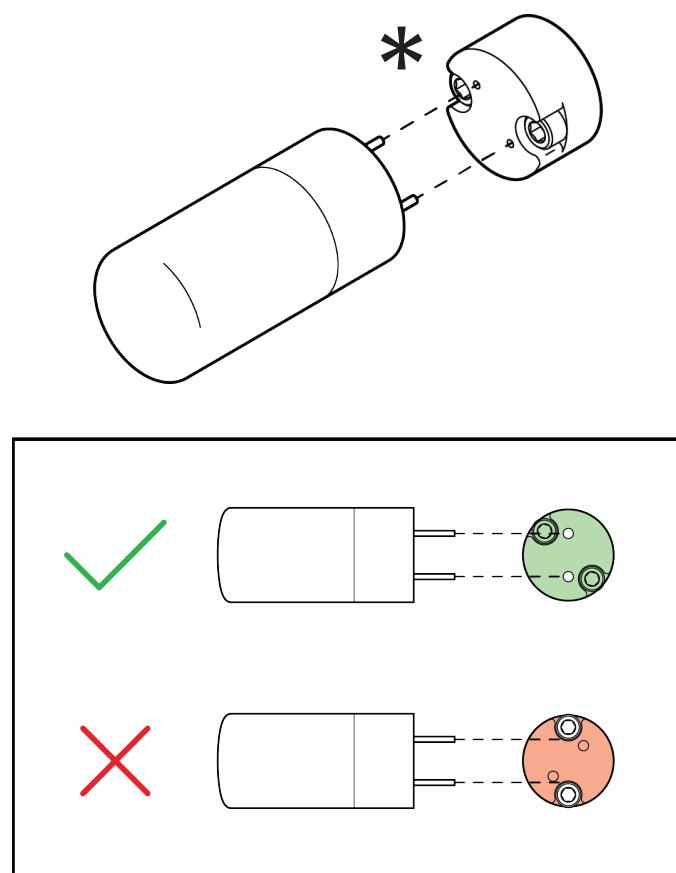
Overtightening can lead to potential damage to the wall.



9

Insert the light bulb ①
into the fixture socket ②

*Align pins with pin holes,
then push in.

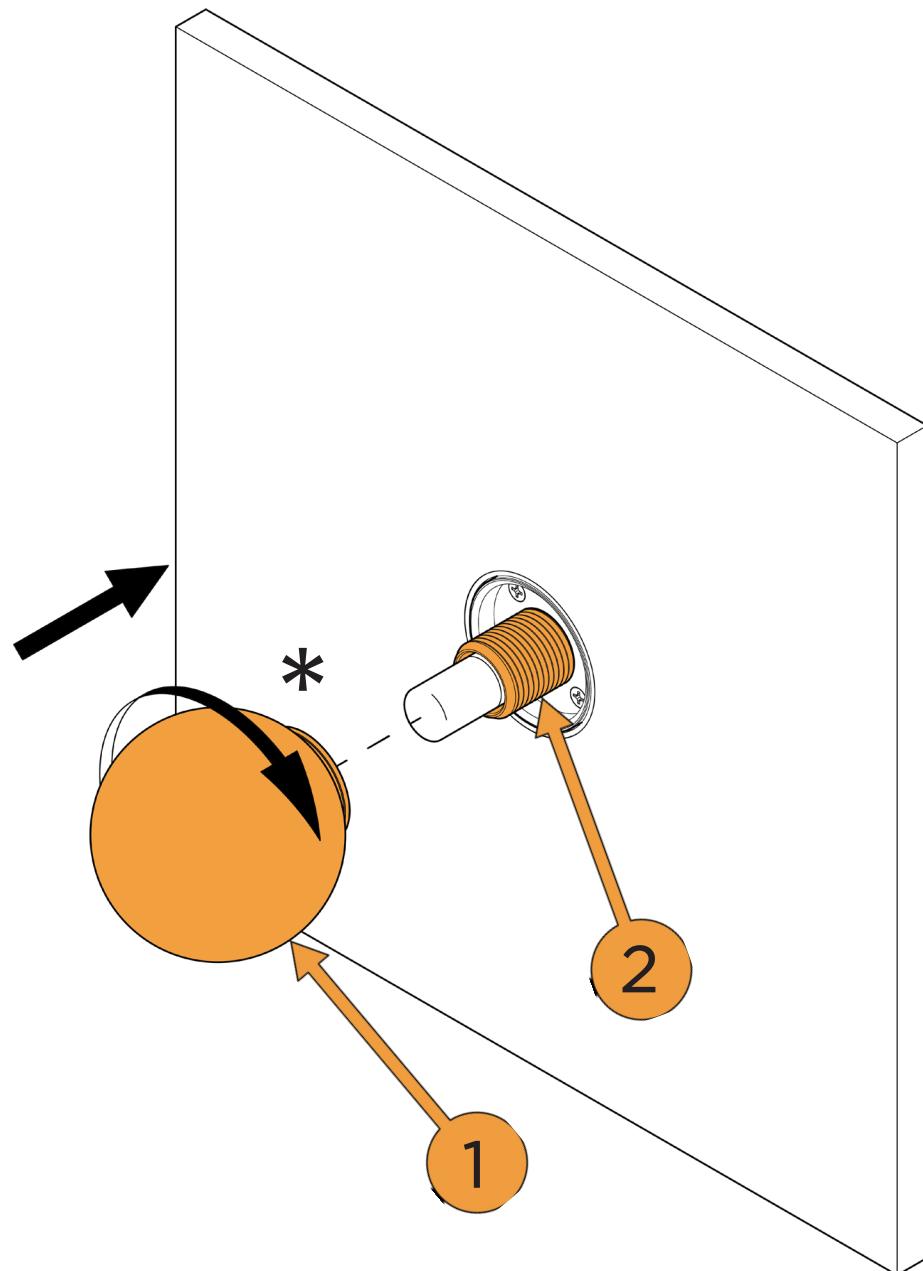


10

Screw the glass ①
onto the socket cover ②

*Align threads properly for a smooth
rotation before twisting to avoid jamming.

Do not overtighten the glass.





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Trimless Mini Orb

Multi-Surface
Installation Guide

212-334-7333

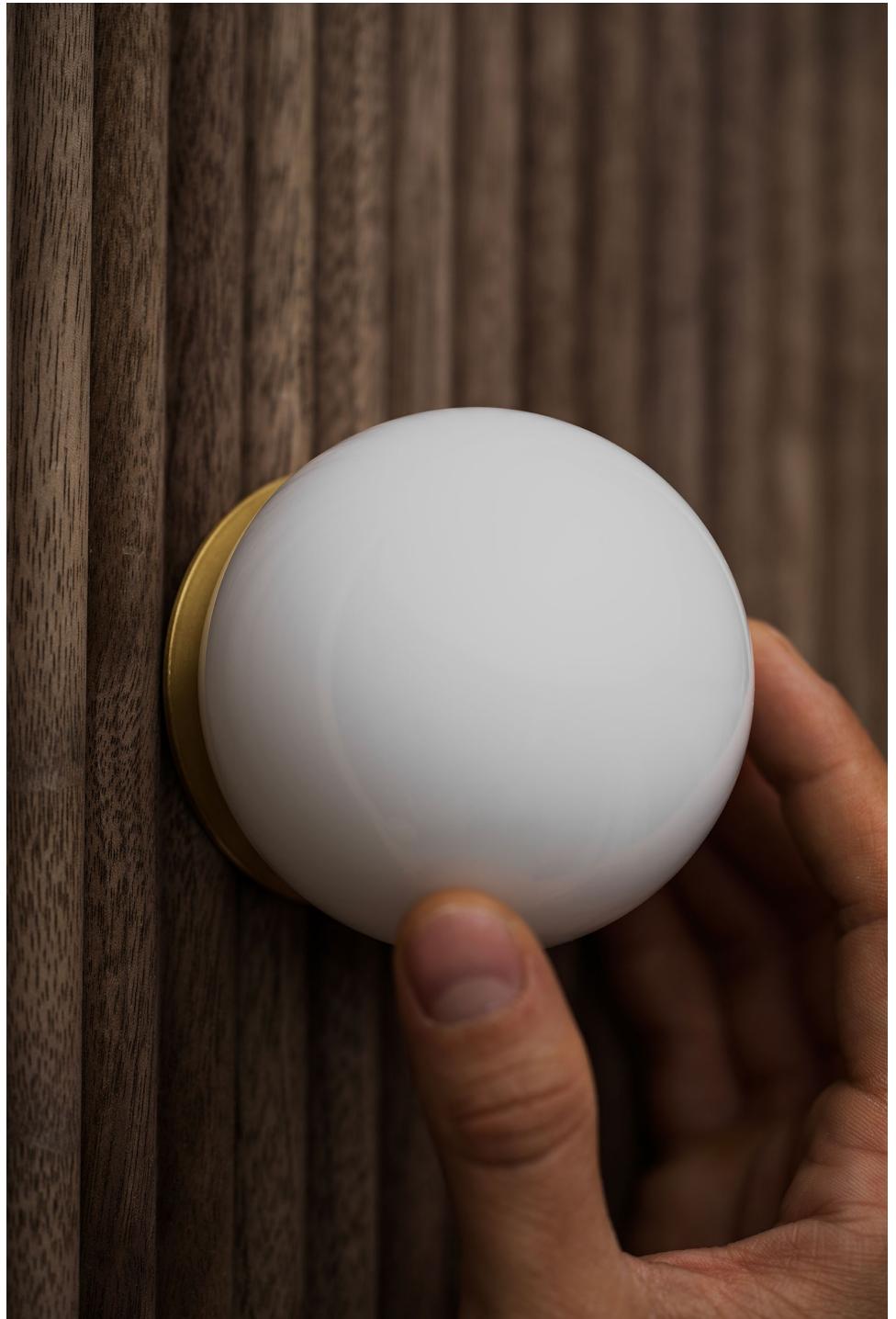
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LIVING FINISHES

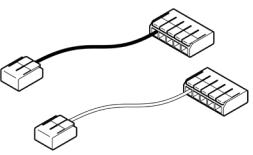
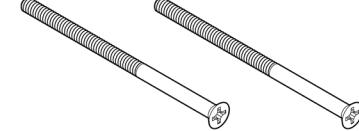
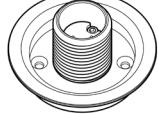
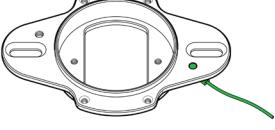
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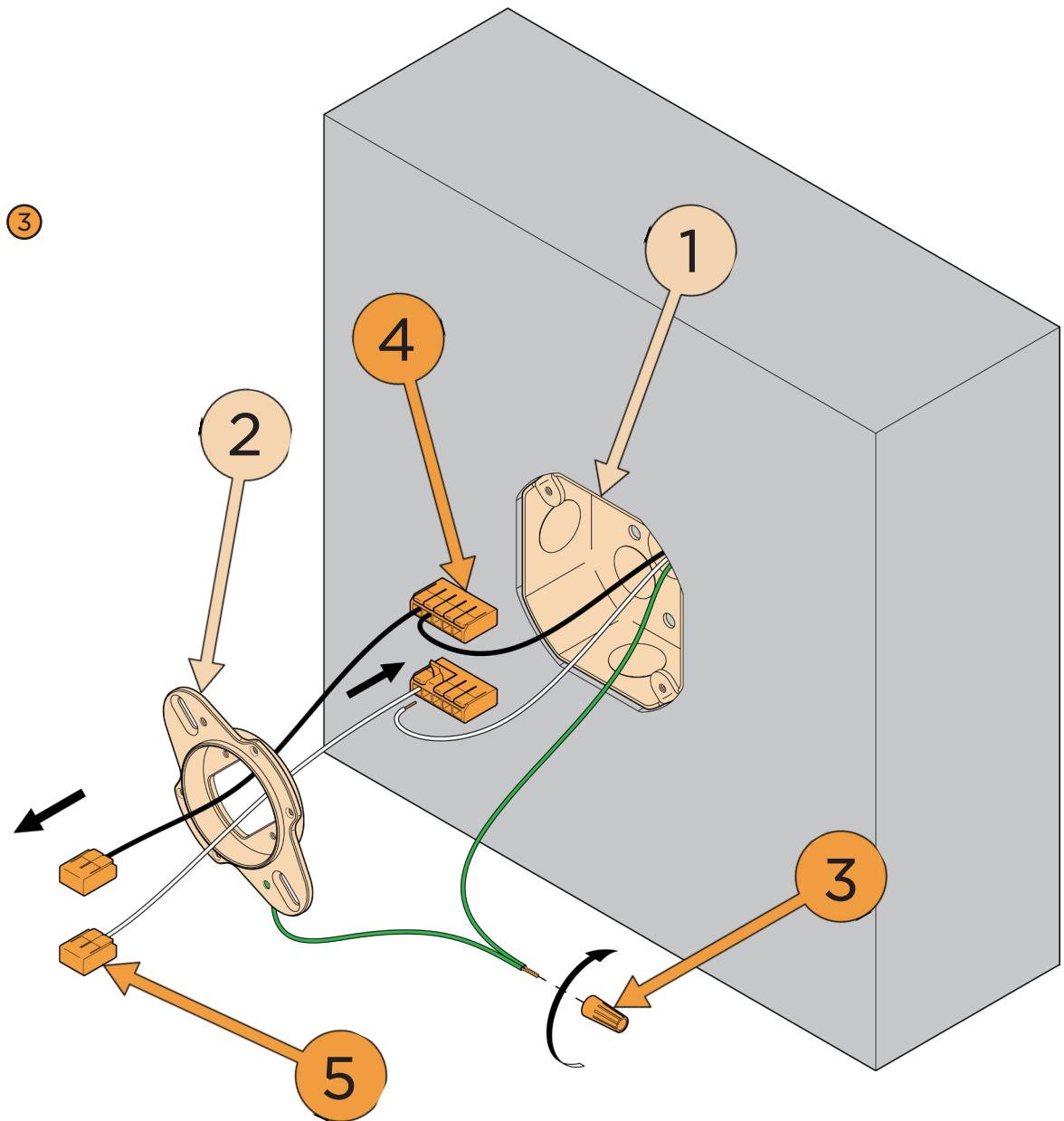
 2x Wago Clip Wire Lead	 2x 6-32 x 1-½" Screw	 2x 6-32 x 2-½" Screw	 2x 8-32 Screw
 Lighting Fixture	 Mounting Plate	 Light Bulb	 Glass

1

Connect the ground wire from the junction box **1** with the ground wire from the mounting plate **2** using a wire nut **3**

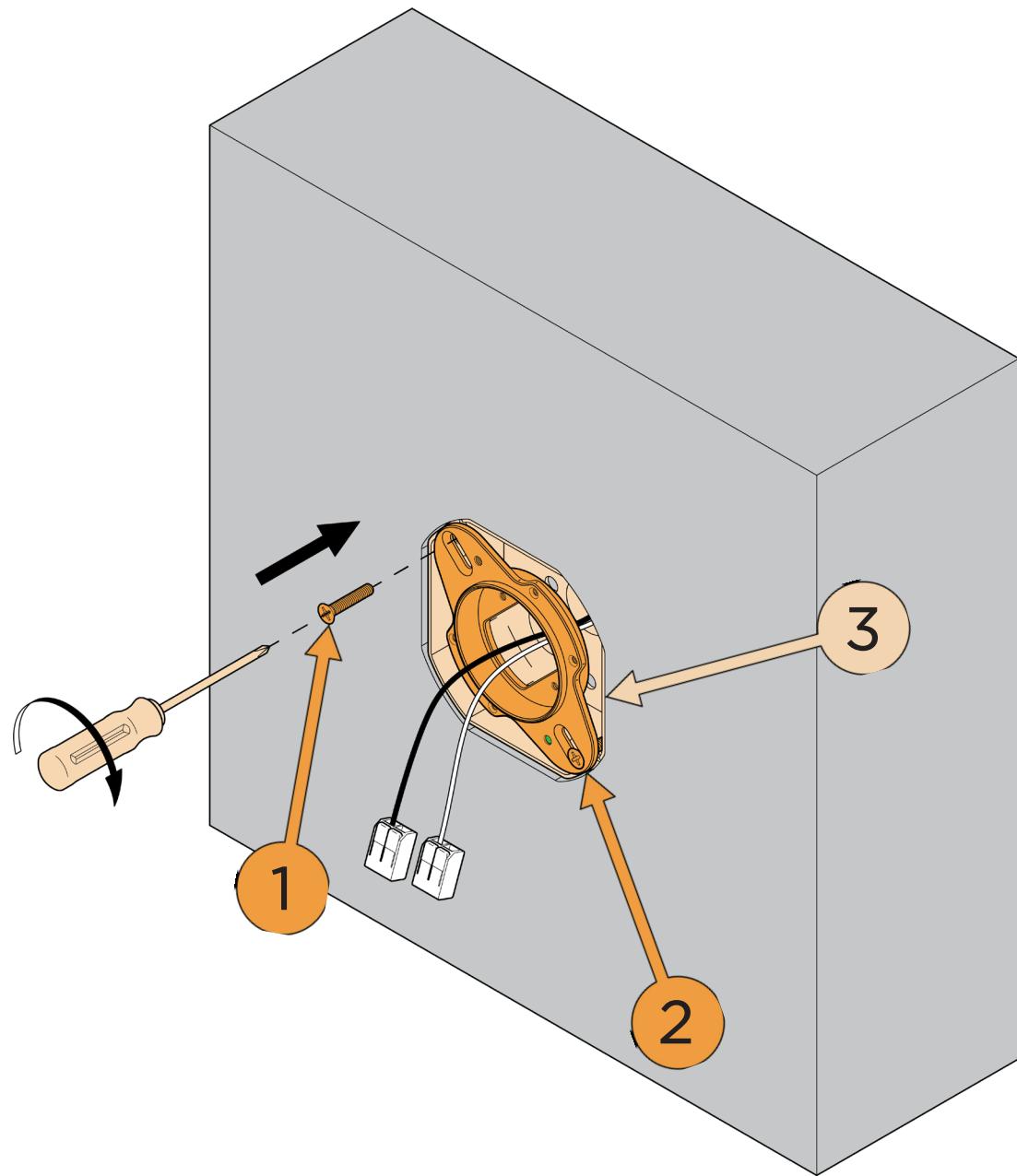
Connect the wires from the junction box **1** to the five port wago clips **4**

Travel the two port wago clip **5** wire leads through the mounting plate **2**



2

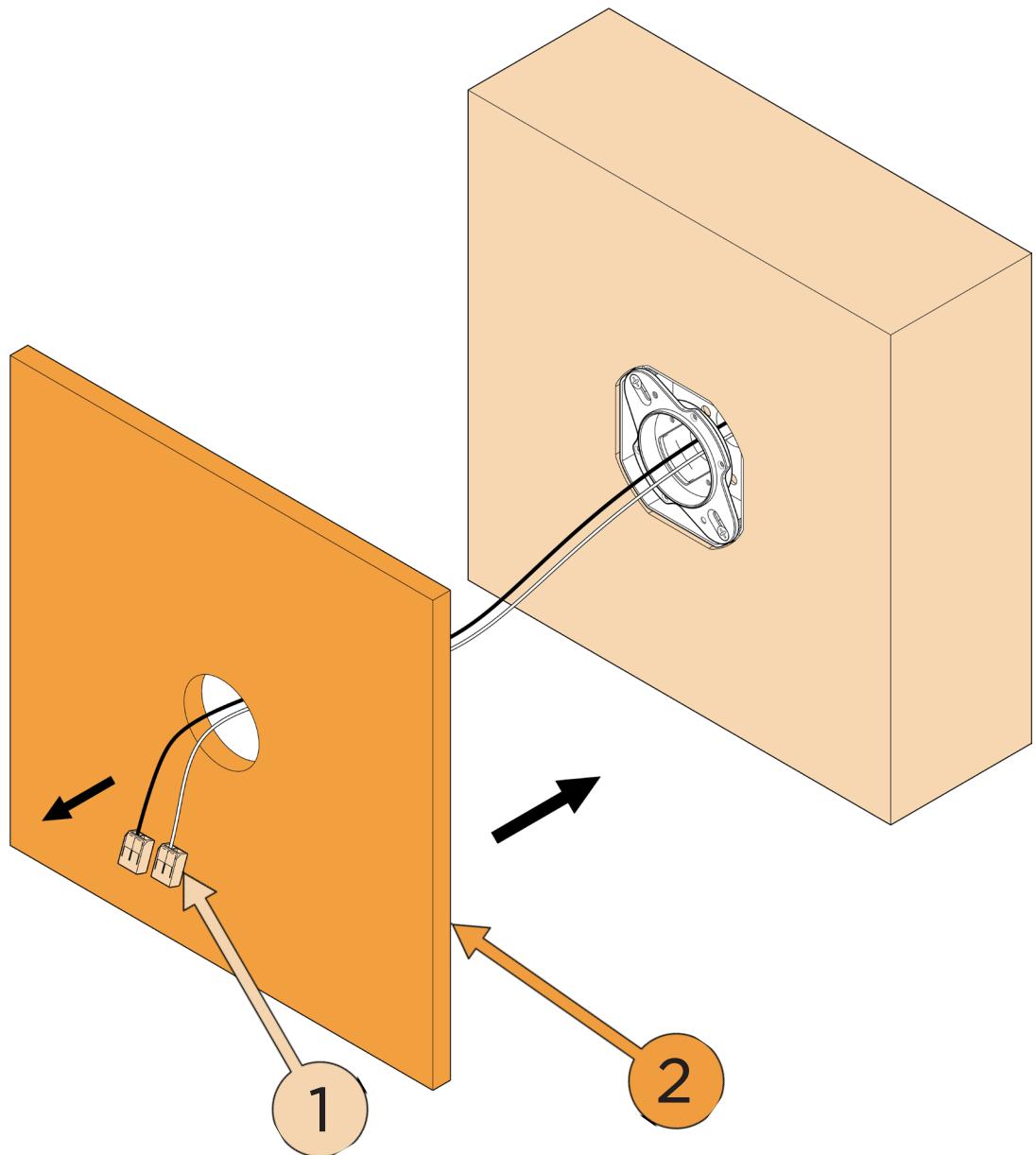
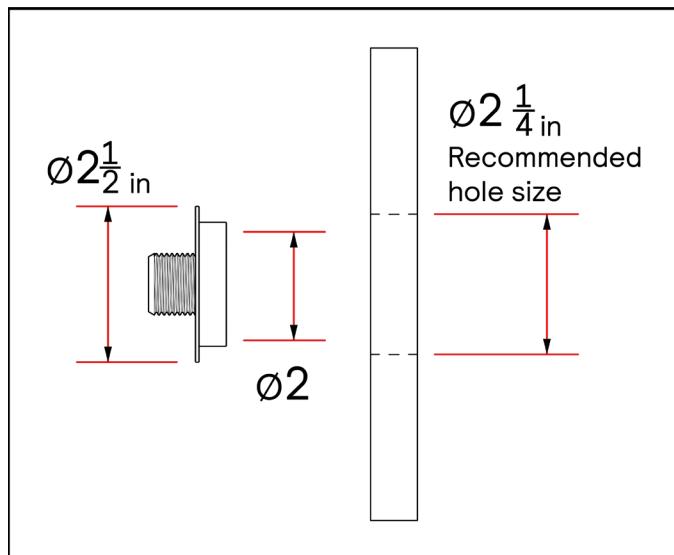
Using the provided 8-32 screws ①
mount the mounting plate ②
onto the junction box ③



3

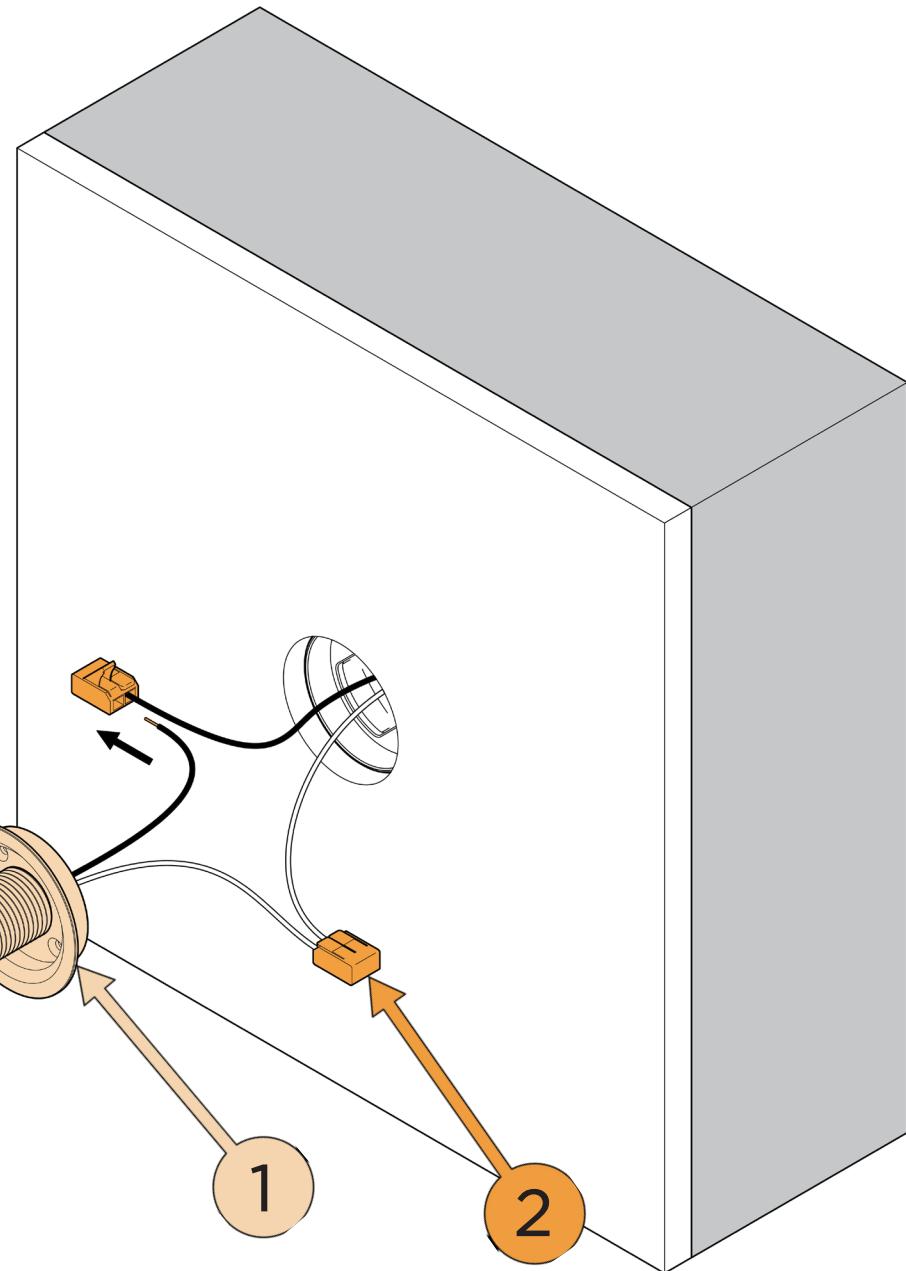
Travel the two port wago clip **1** wire leads through the centerhole of the additional surface **2** (wood panel, mirror, tile, substrate, etc.)

Install the additional surface **2**



4

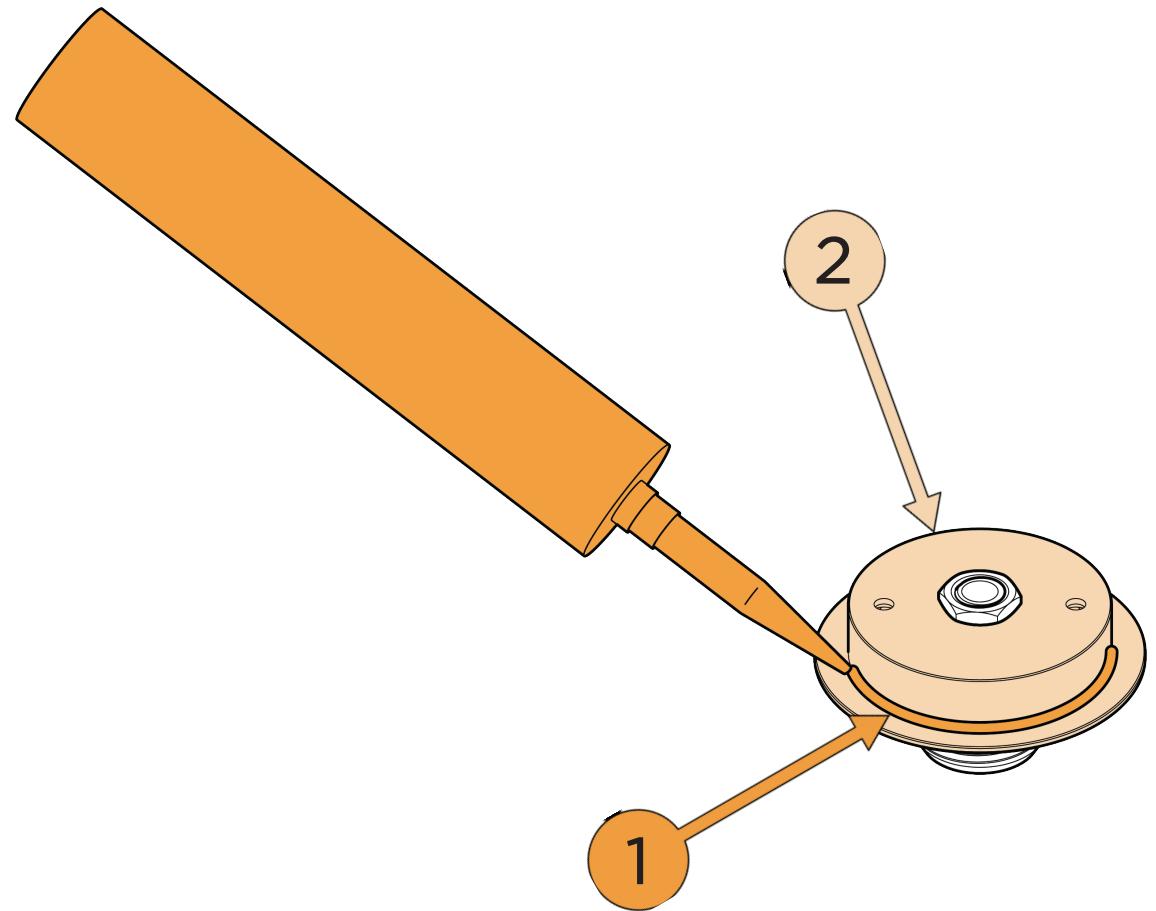
Connect the wires from the lighting fixture ① to the two port wago clip ② wire leads.



5

For wet locations only

Apply silicone ① to the underside
lip of the socket cover ②

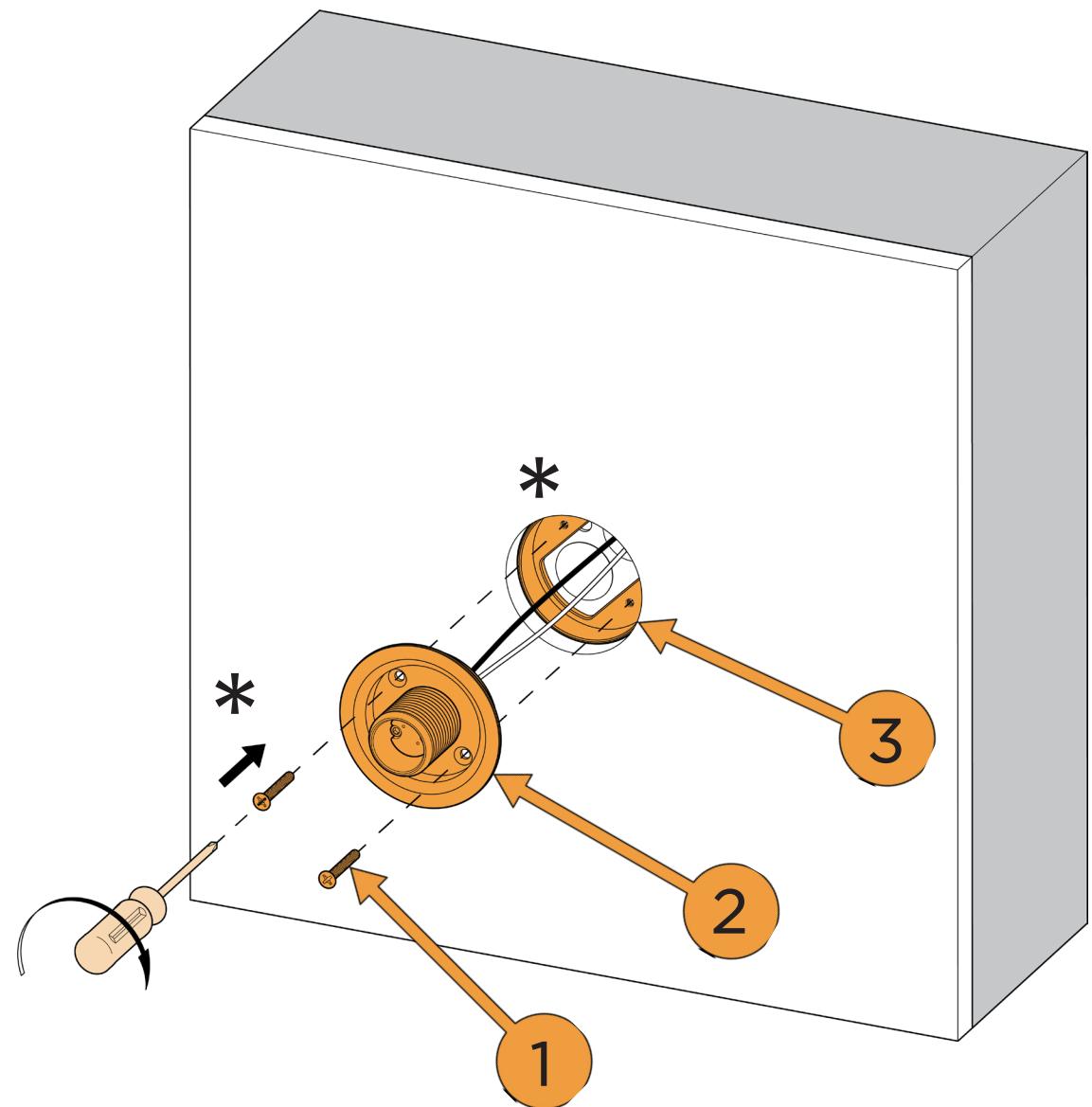
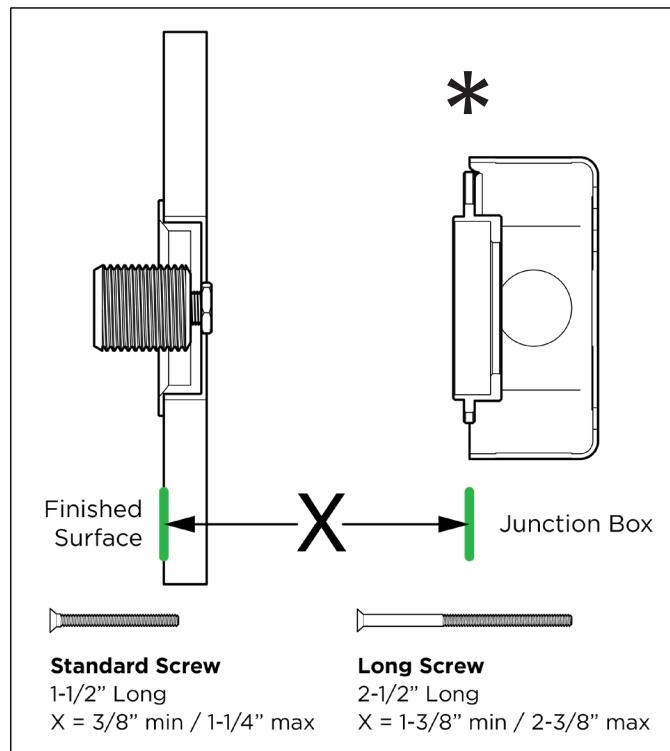


6

Using the provided 6-32 screws ①
mount the lighting fixture ②
onto the mounting plate ③

*Measure the distance between the finished surface and the junction box to determine which 6-32 screw length to use.

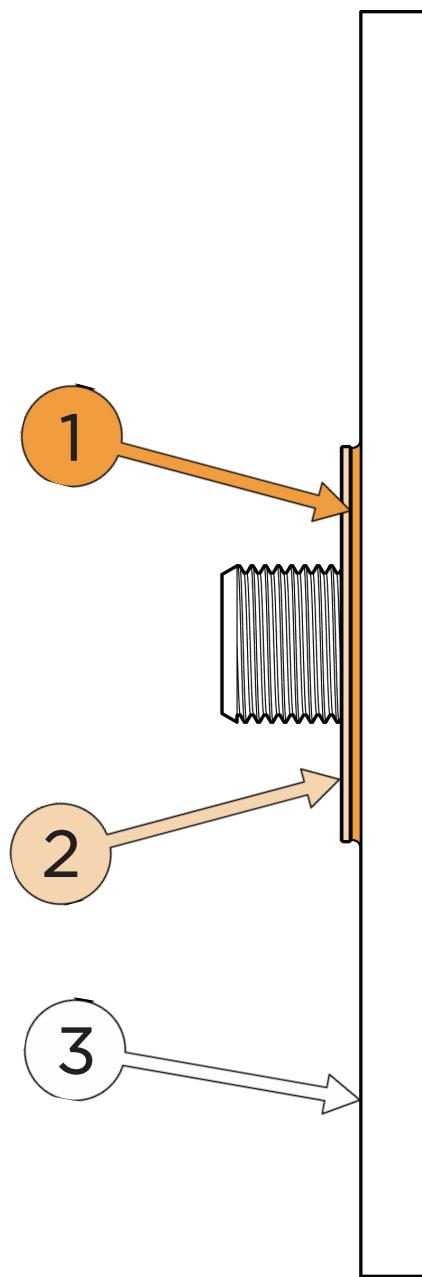
*Do not overtighten the 6-32 screws.
Overtightening can lead to potential damage to the wall.



7

For wet locations only

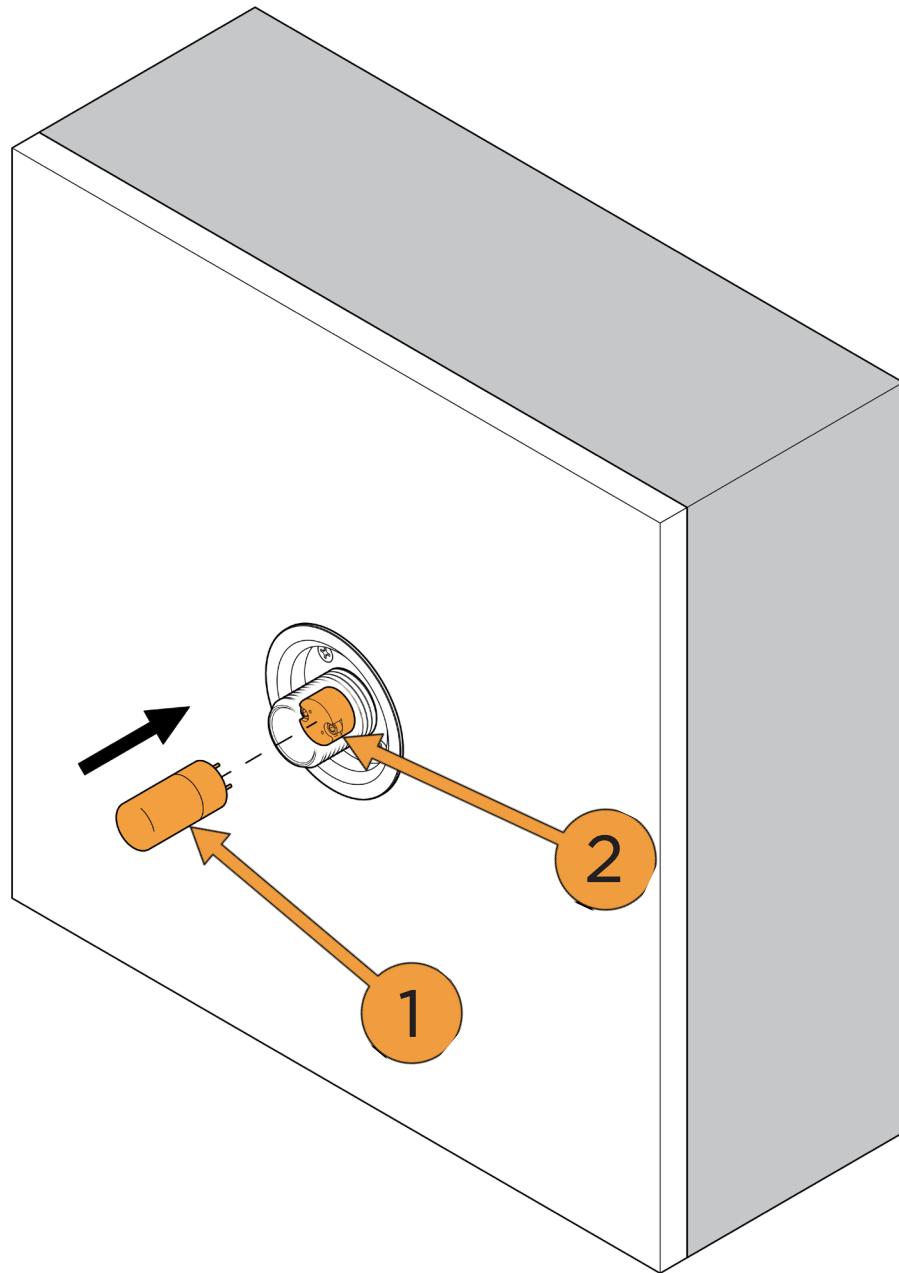
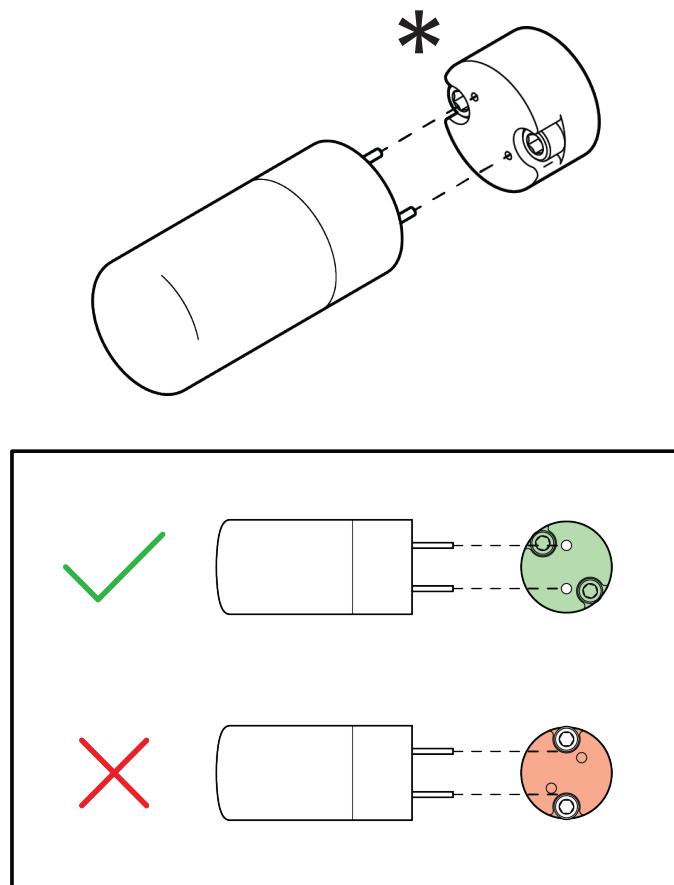
Caulk ① seam between the
socket cover ② and surface ③



8

Insert the light bulb **1**
into the fixture socket **2**

*Align pins with pin holes, then
push in.



9

For wet locations only

Place the gasket ①
over the socket cover ②

Screw the glass ③
onto the socket cover ②

*Align threads properly for a smooth
rotation before twisting to avoid
jamming. Do not overtighten the glass.

