



ALLIED MAKER

MADE IN NEW YORK

# Trimless Mini Orb

Drywall  
Installation Guide

212-334-7333

[help@alliedmaker.com](mailto: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



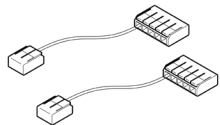


**Scan for installation video**

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

**Visit [www.trimless.com](http://www.trimless.com) to learn more about the system**

# Contents Included



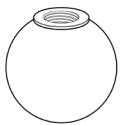
2x Wago Clip  
Wire Lead



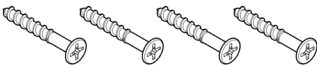
Plug



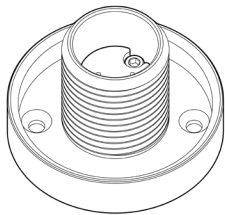
Light Bulb



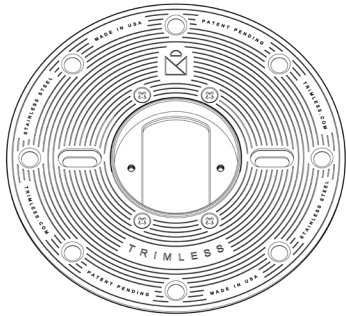
Glass



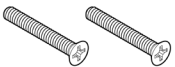
4x Stainless Steel  
Drywall Screw



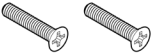
Lighting Fixture



Mud Plate



2x 8-32 Screw

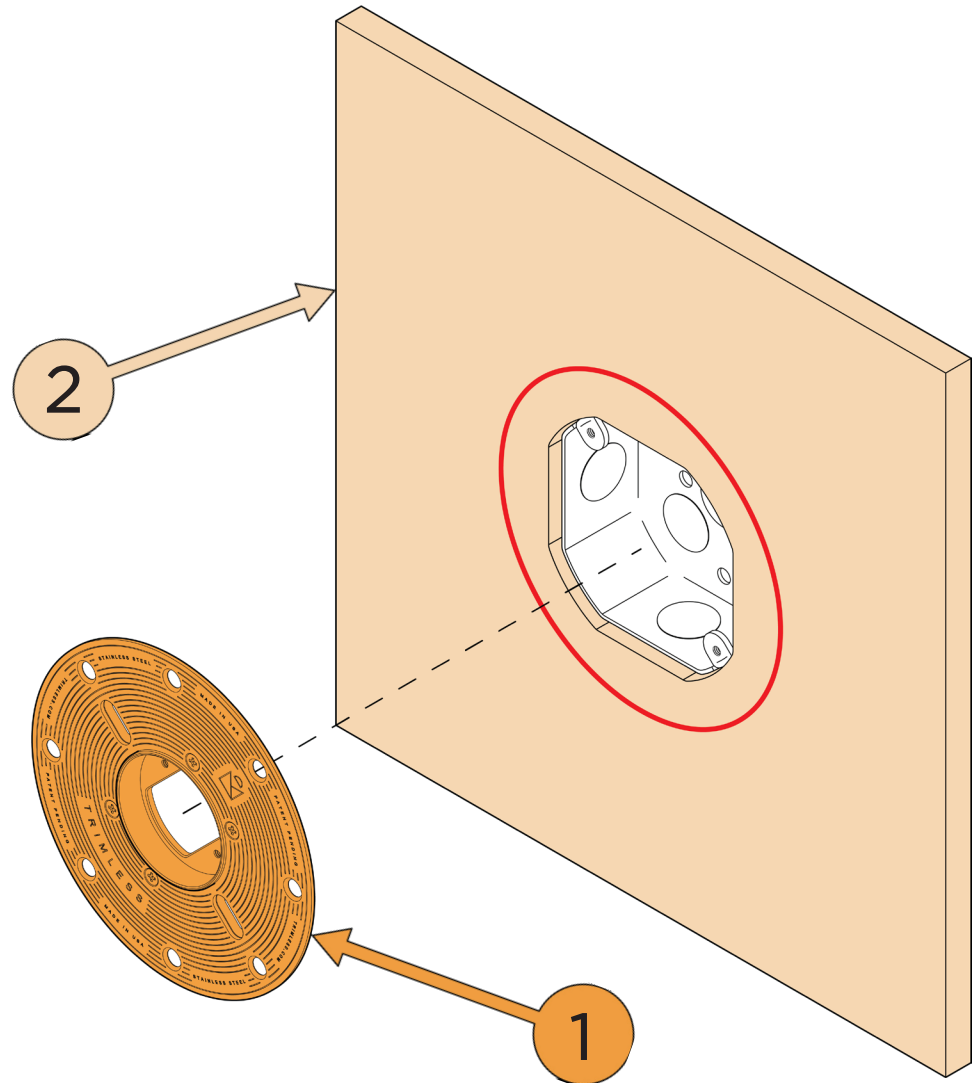
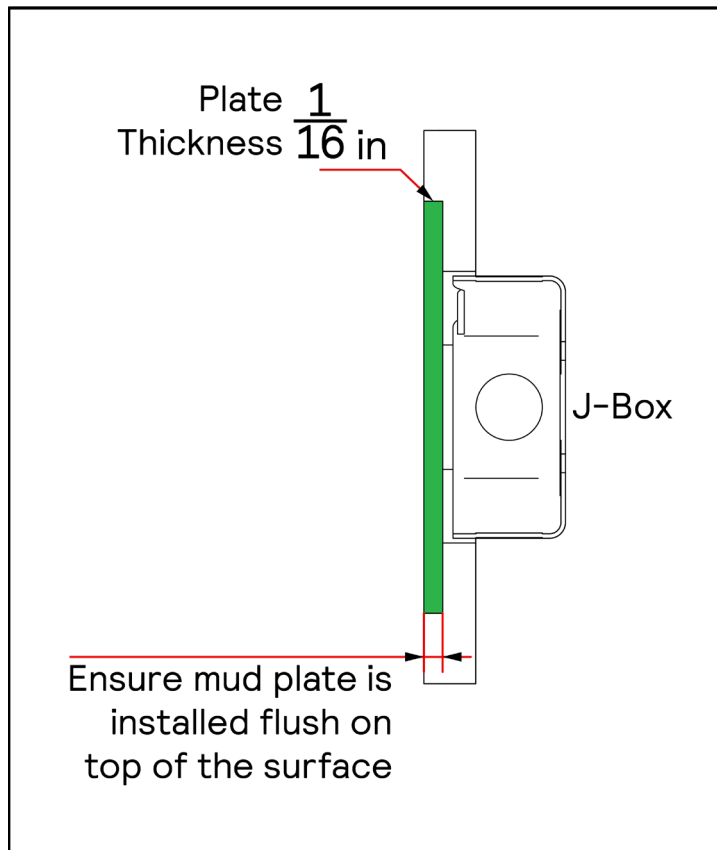


2x 6-32 Screw

# 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



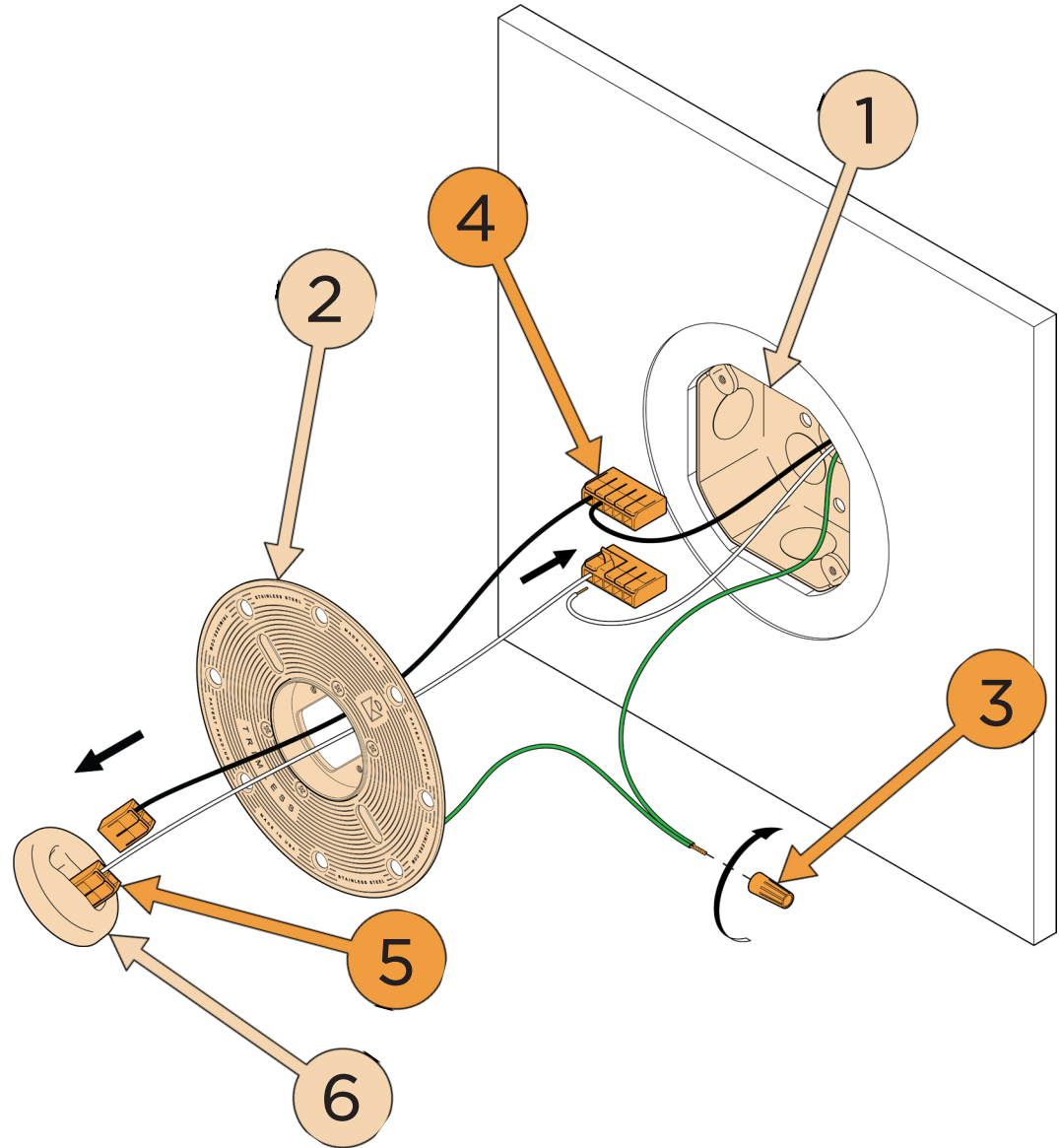
# 2

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

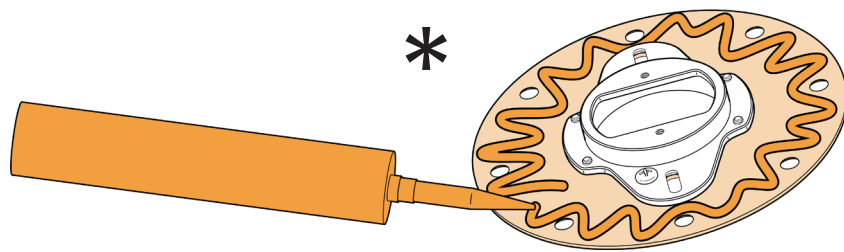


# 3

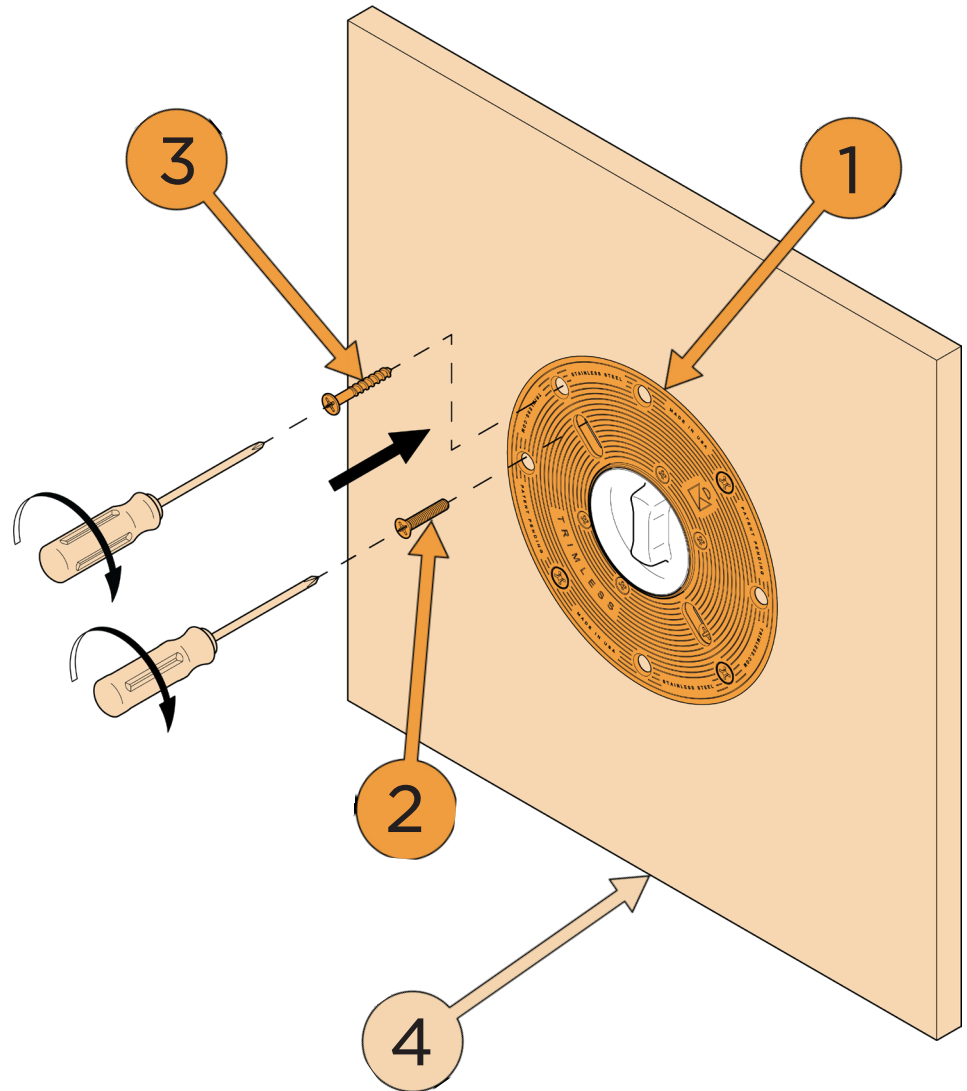
Mount the **mud plate** ① onto the junction box using the provided **8-32 screws** ②

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.

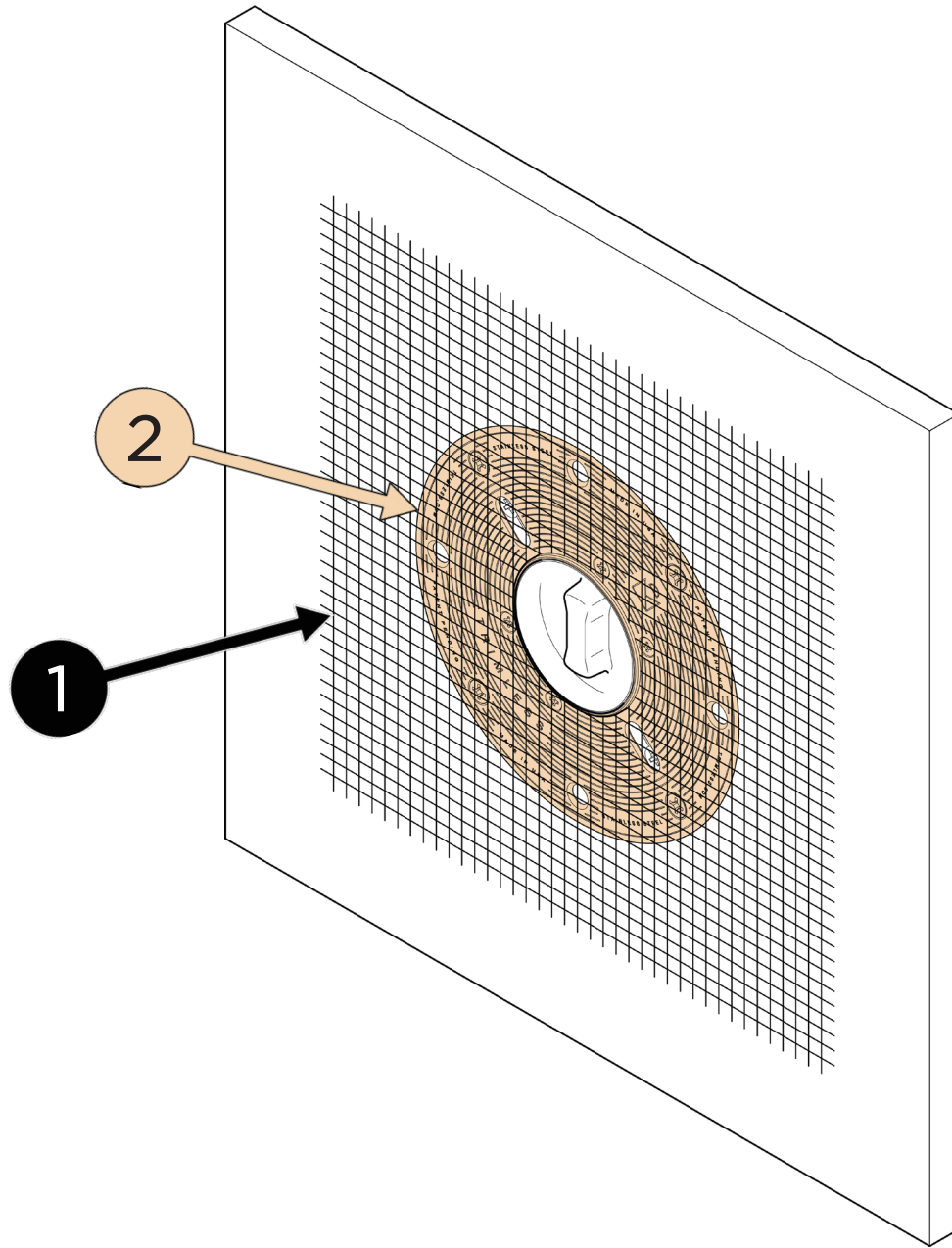


\*Apply construction adhesive to the back of the mud plate before installing onto the drywall.



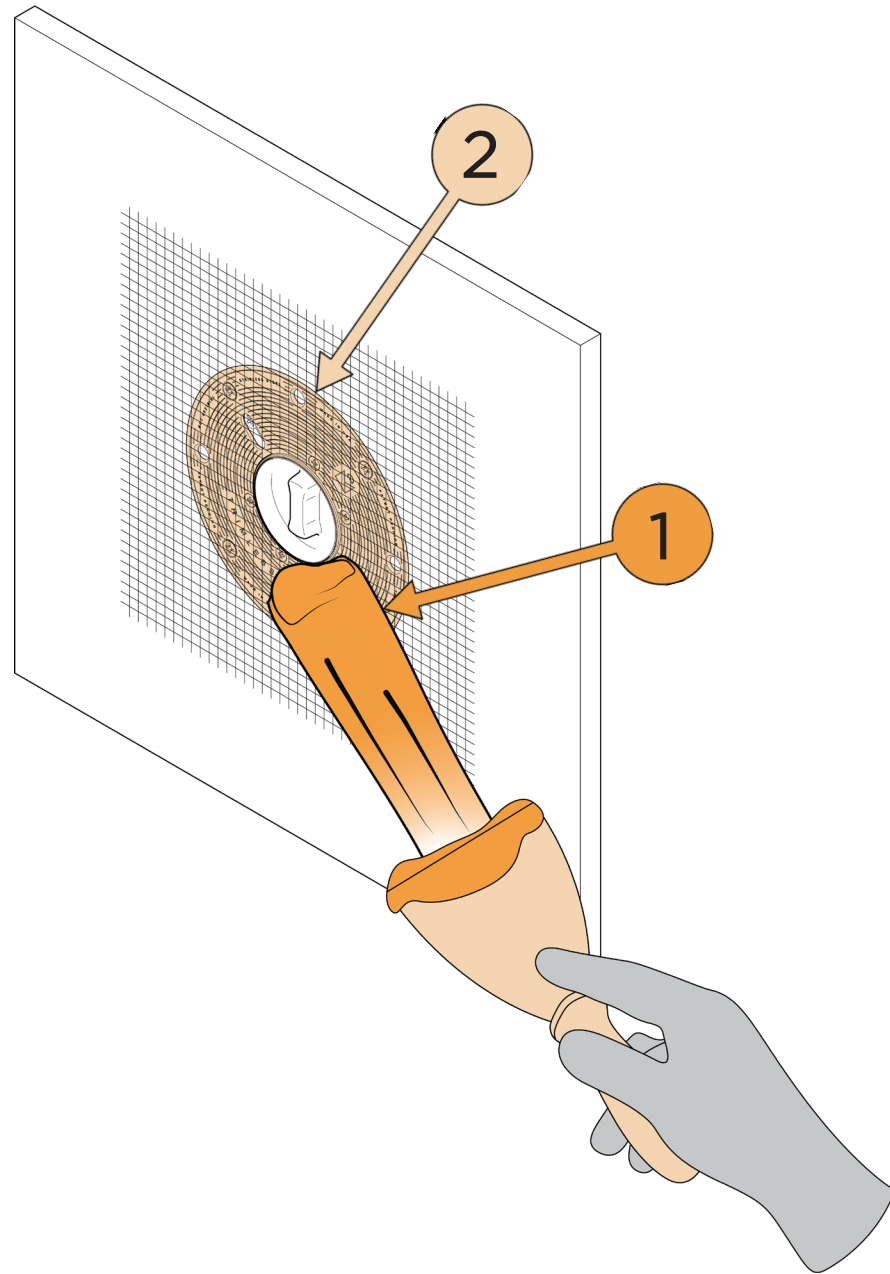
# 4

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.

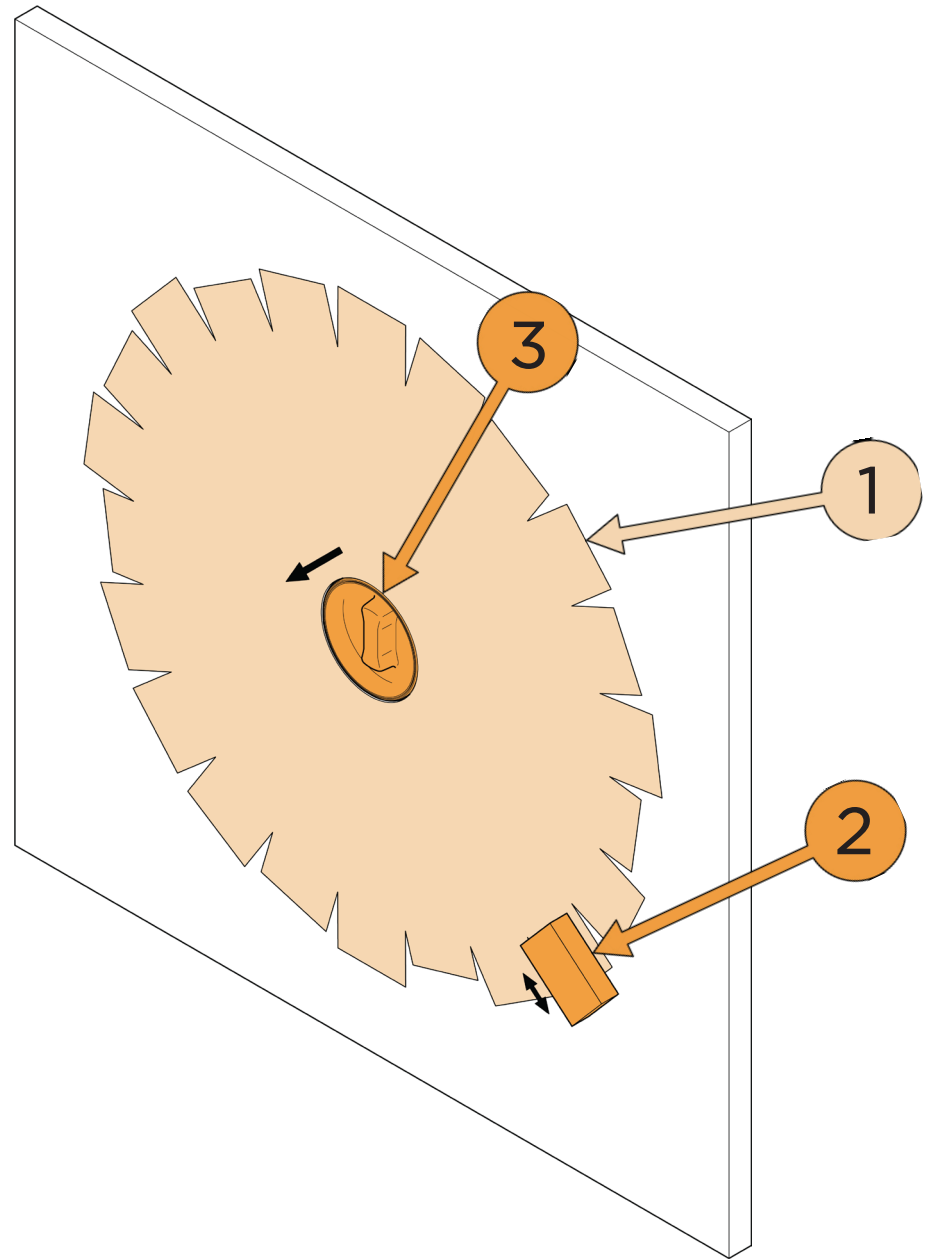


# 6

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

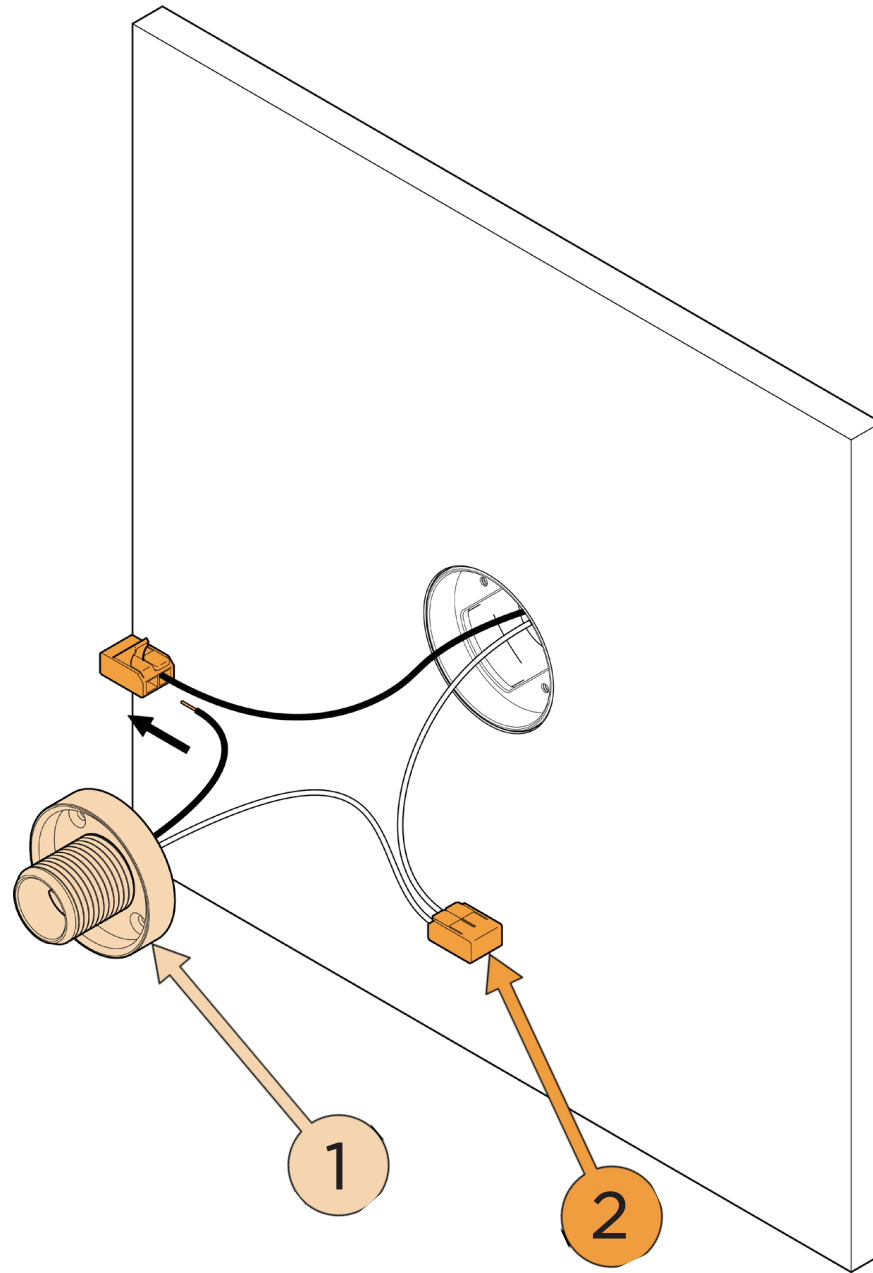
Remove the plug ③

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



## 7

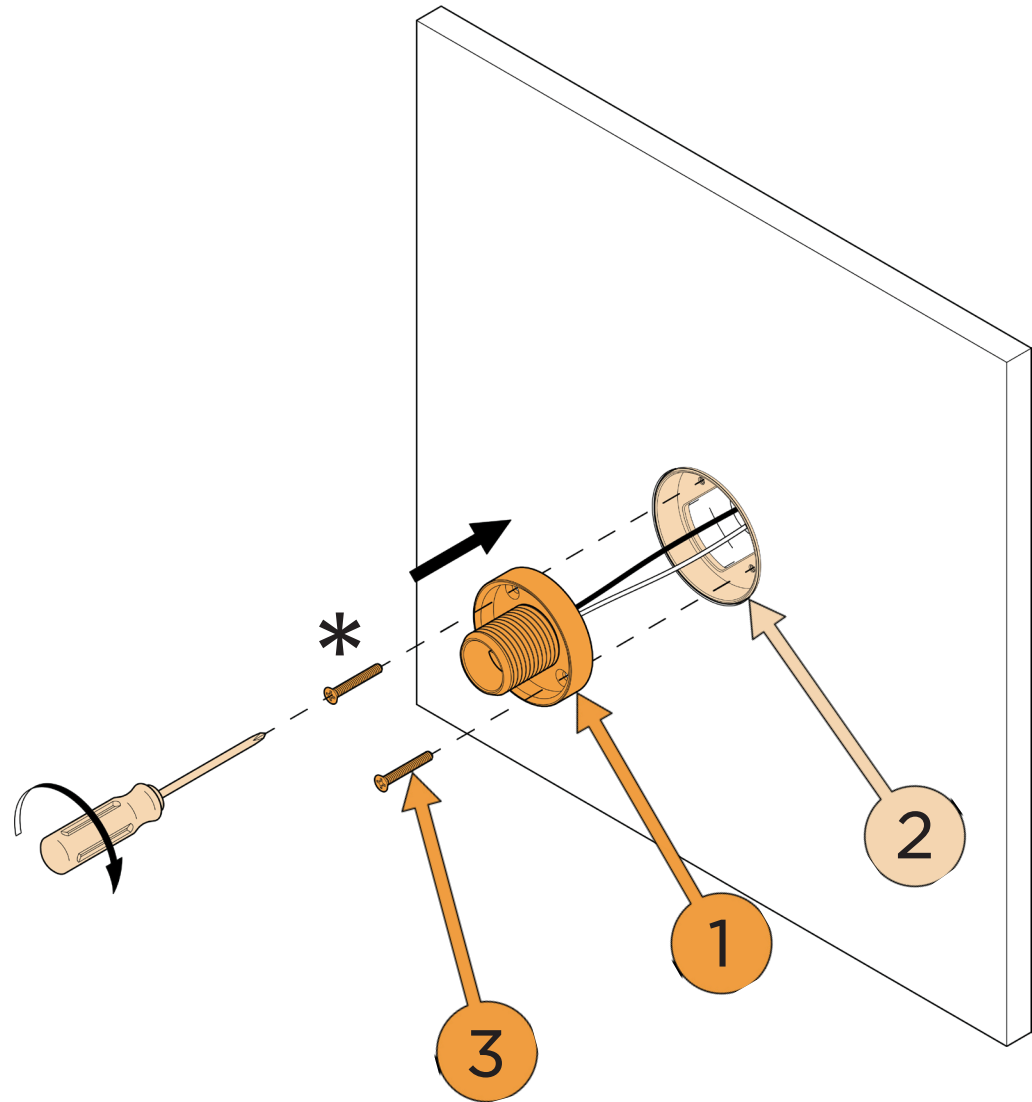
Connect the wires from the lighting fixture ① to the two port wago clip ② wire leads.



# 8

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

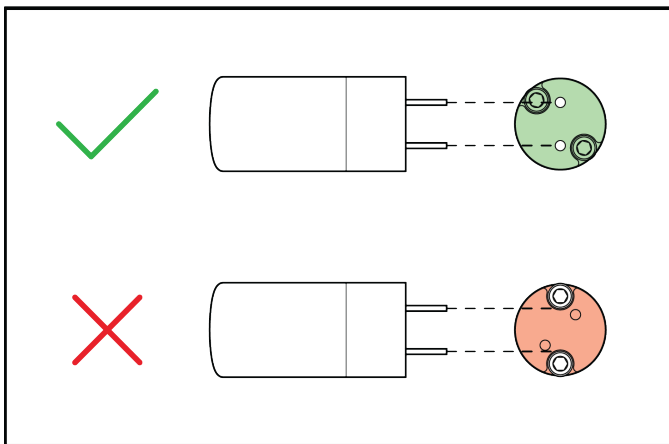
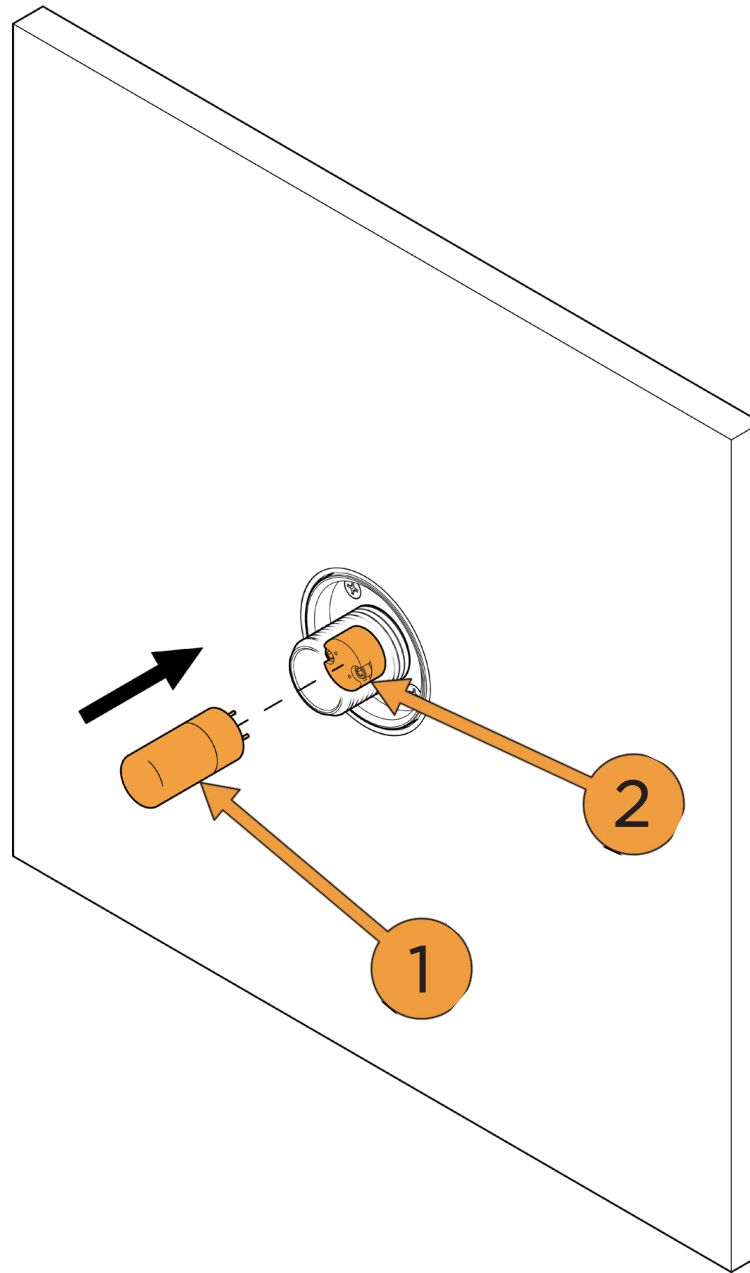
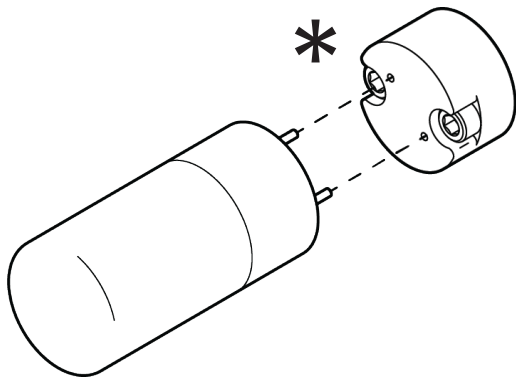
\*Do not overtighten the 6-32 screws.  
Overtightening can lead to potential damage to the wall.



# 9

Insert the light bulb ①  
into the fixture socket ②

\*Align pins with pin holes,  
then push in.

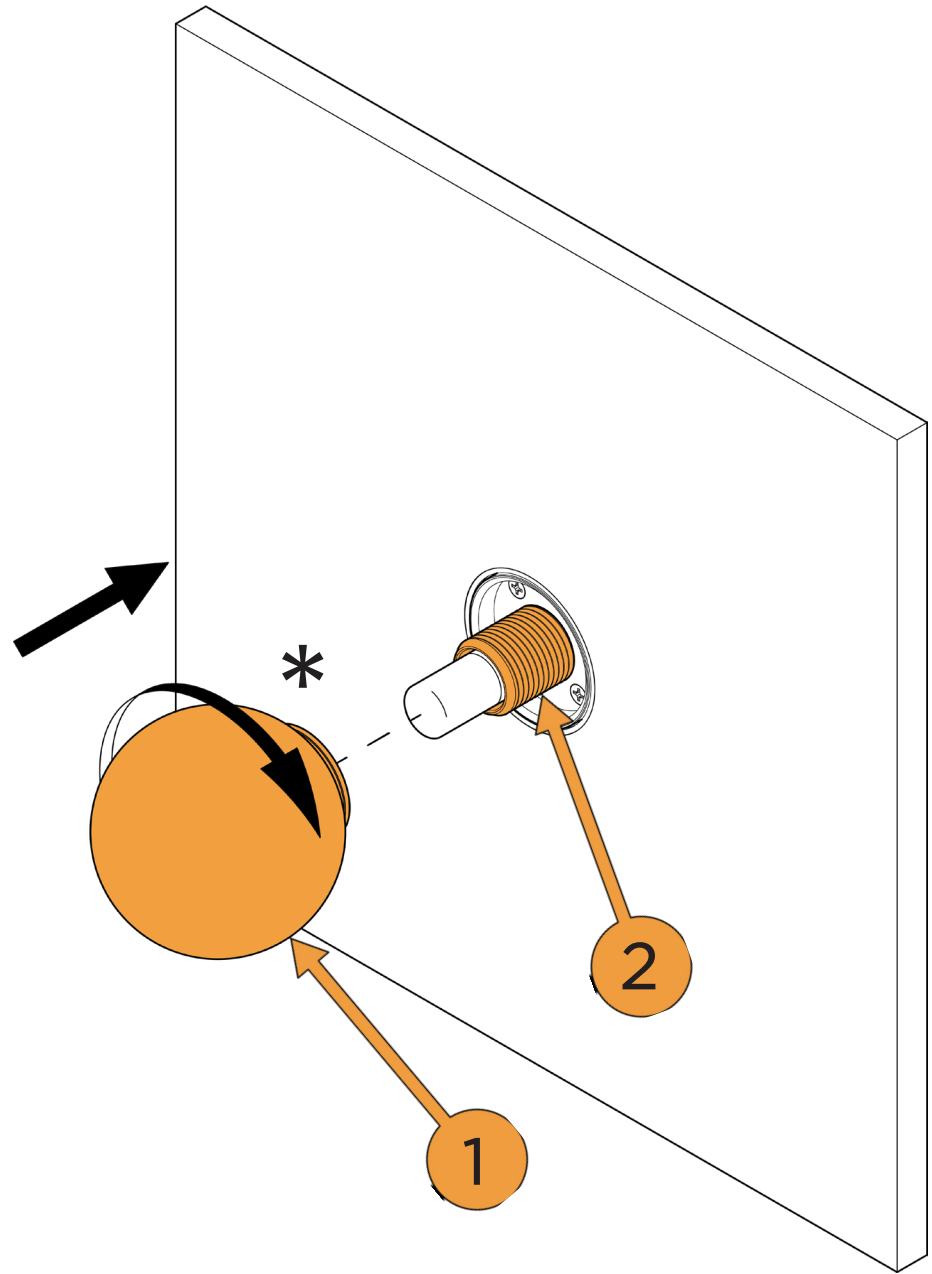


# 10

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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Multi-Surface  
Installation Guide

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**LIVING FINISHES**

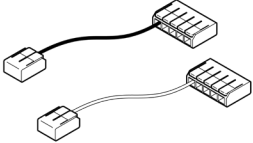
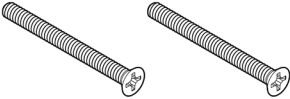
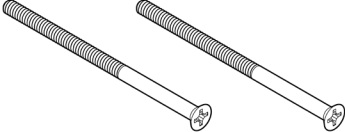
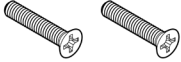
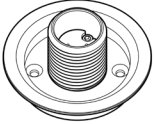
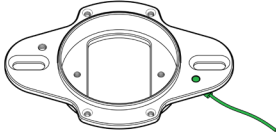

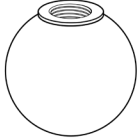
Wear Gloves!



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# Contents Included

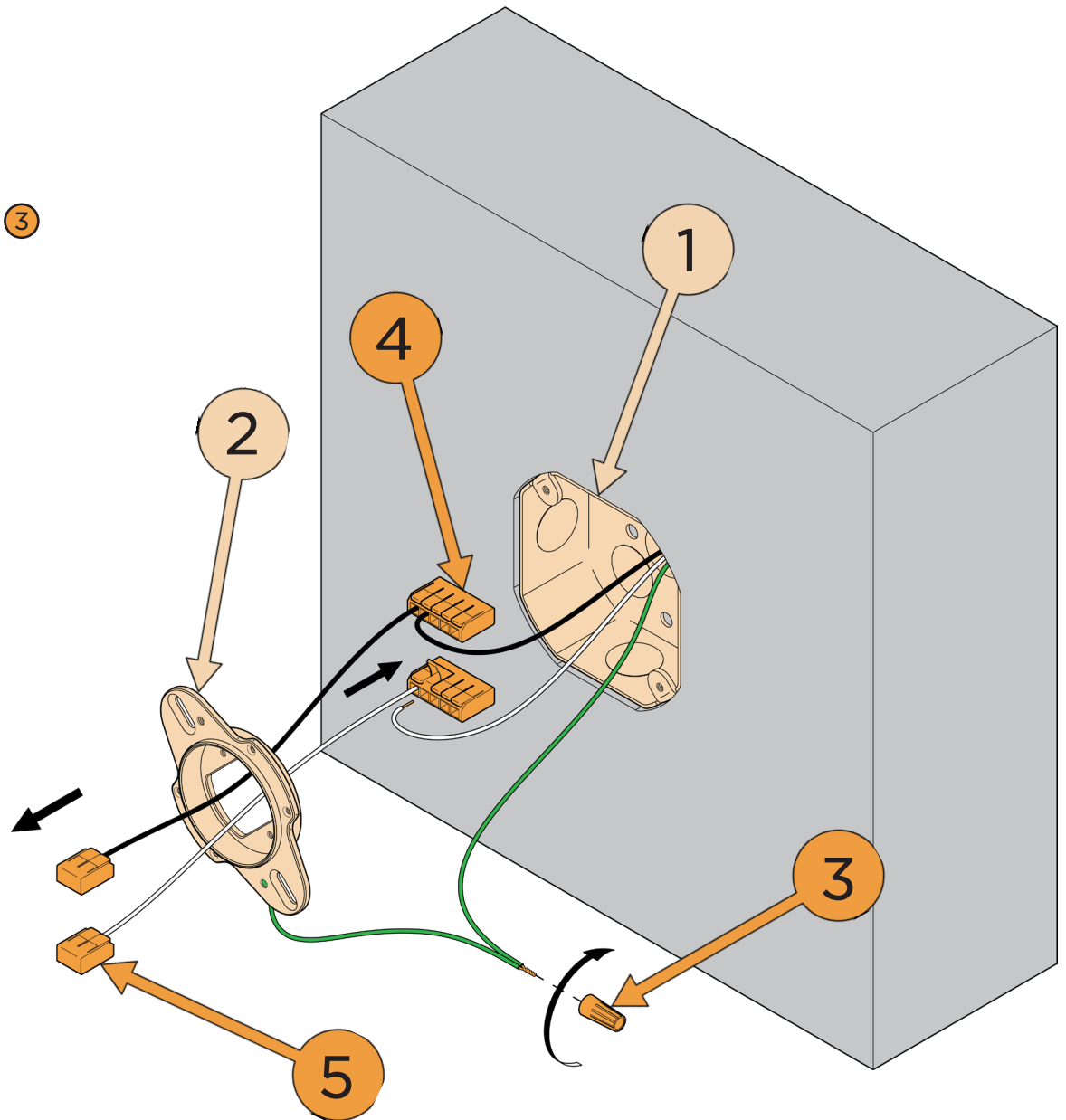
 <p>2x Wago Clip Wire Lead</p>	 <p>2x 6-32 x 1-½" Screw</p>	 <p>2x 6-32 x 2-½" Screw</p>	 <p>2x 8-32 Screw</p>
 <p>Lighting Fixture</p>	 <p>Mounting Plate</p>	 <p>Light Bulb</p>	 <p>Glass</p>

# 1

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

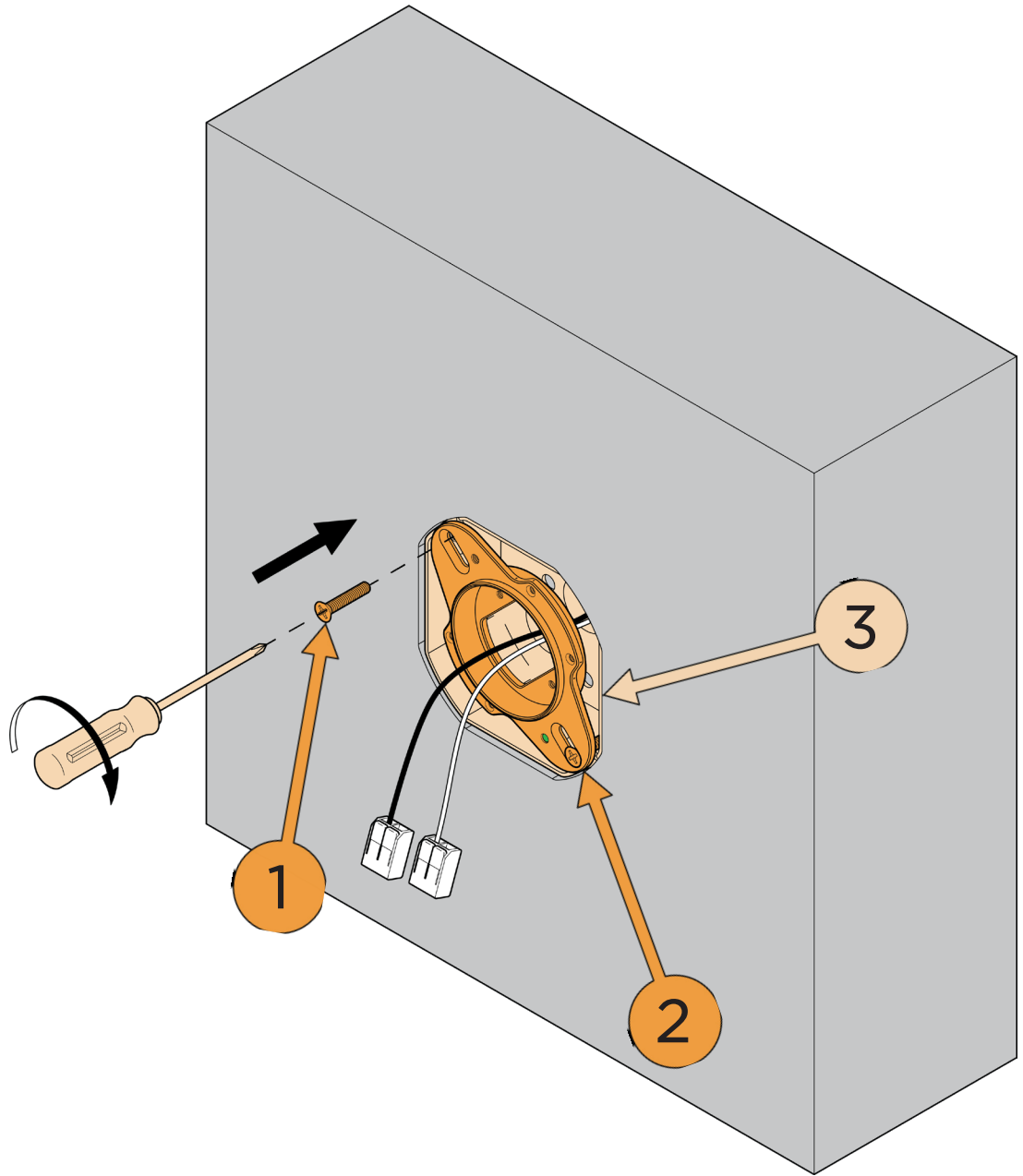
Connect the wires from the **junction box** ① to the five port **wago clips** ④

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



# 2

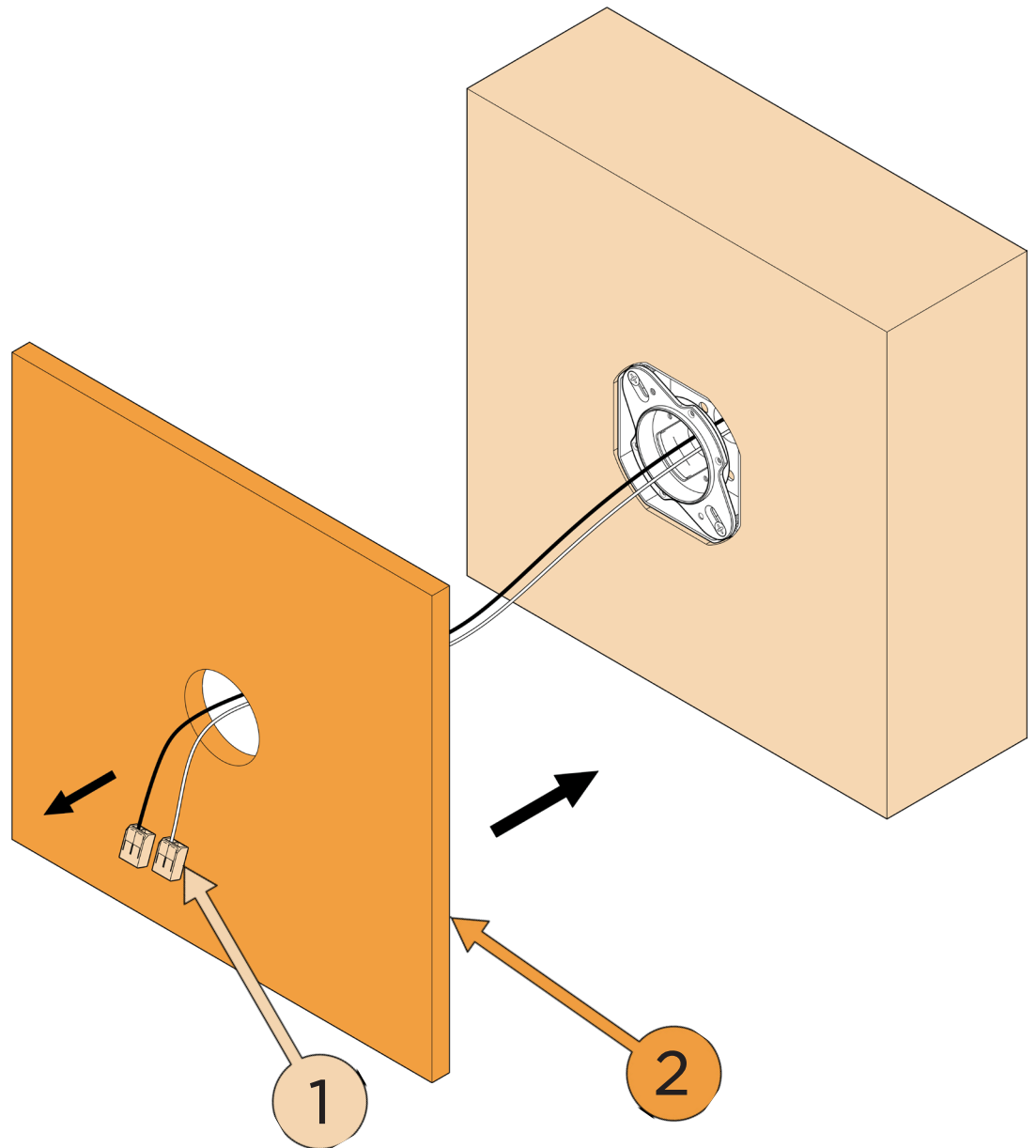
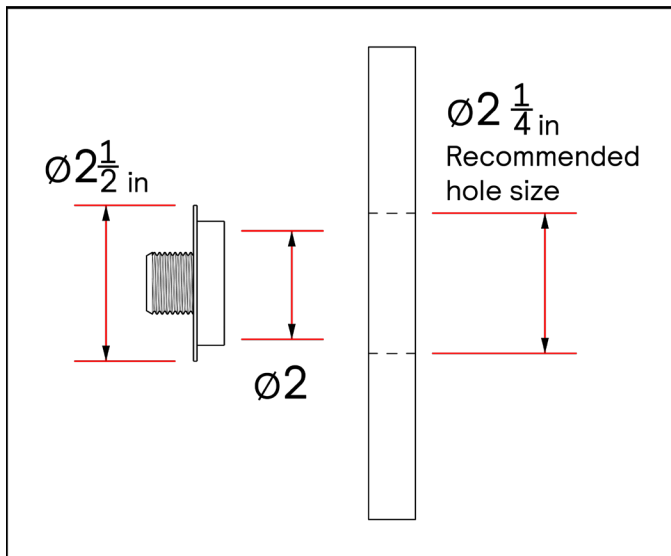
Using the provided 8-32 screws **①**  
mount the mounting plate **②**  
onto the junction box **③**



# 3

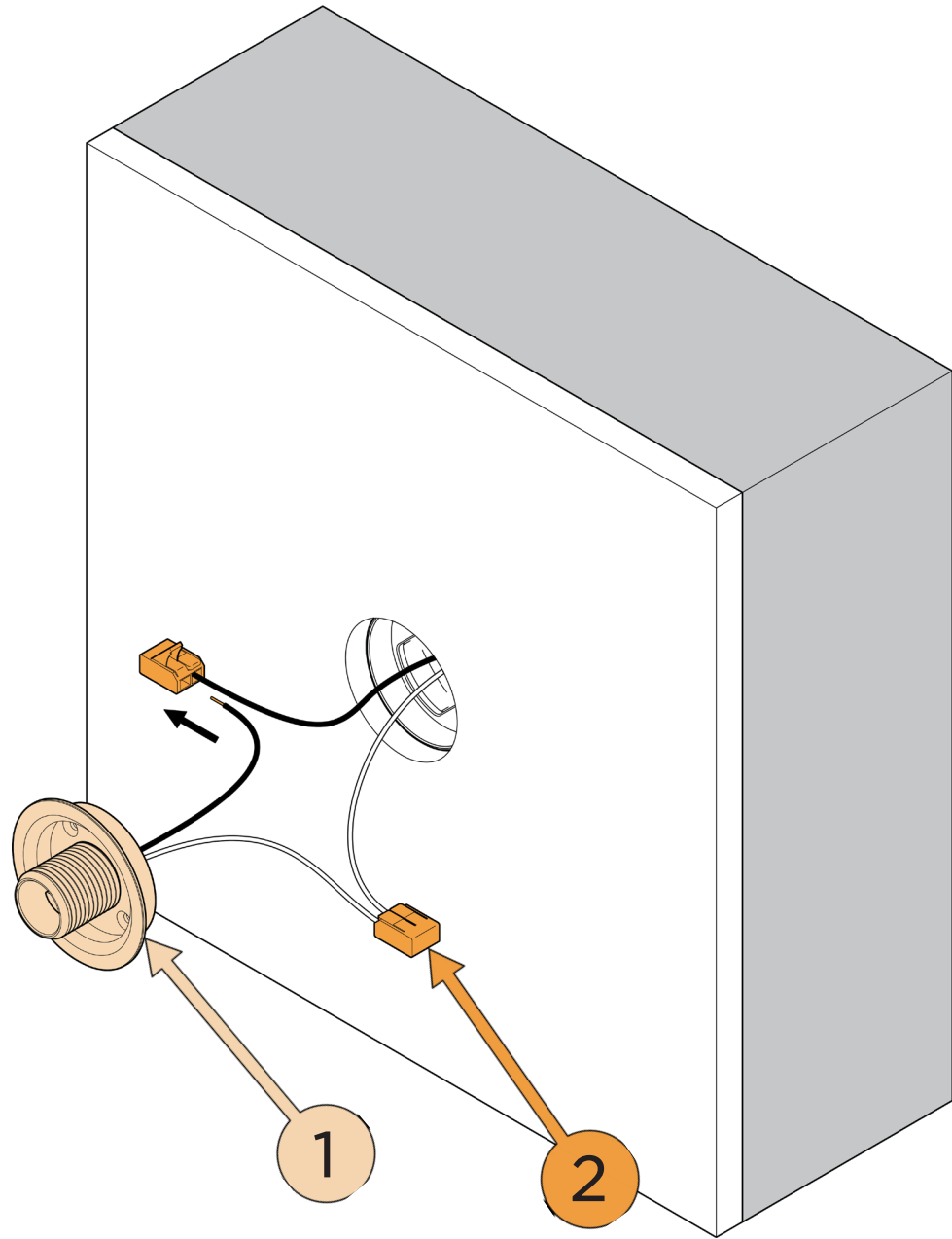
Travel the two port **wago clip** ① wire leads through the centerhole of the **additional surface** ② (wood panel, mirror, tile, substrate, etc.)

Install the **additional surface** ②



# 4

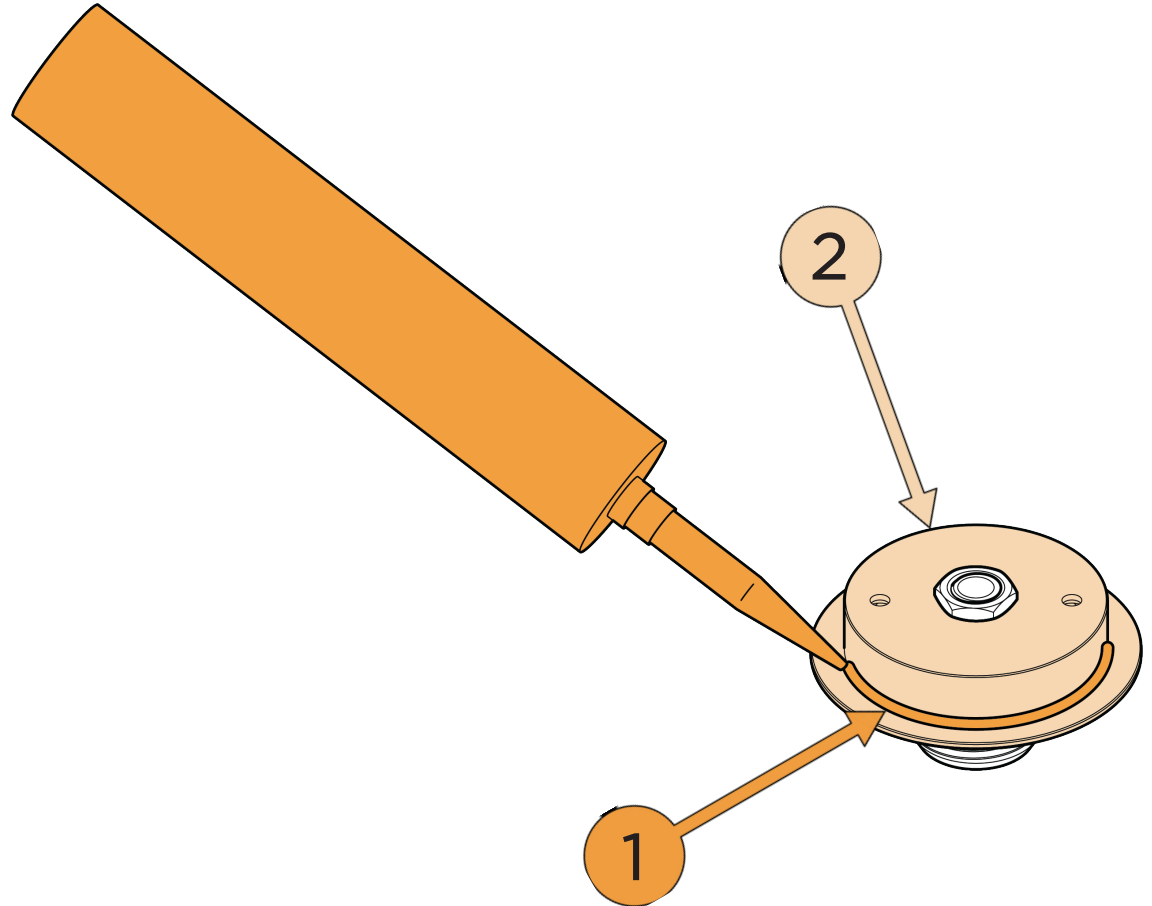
Connect the wires from the **lighting fixture** ① to the two port **wago clip** ② wire leads.



# 5

For wet locations only

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

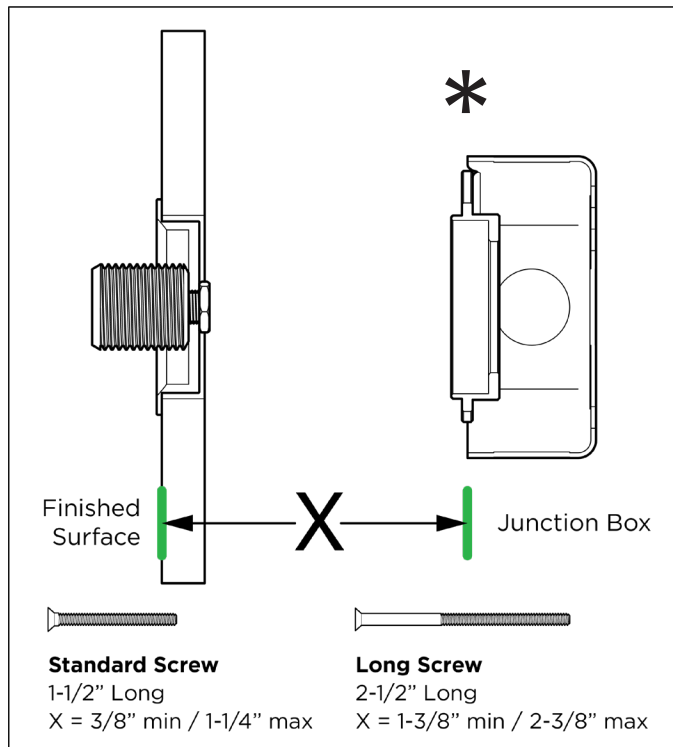
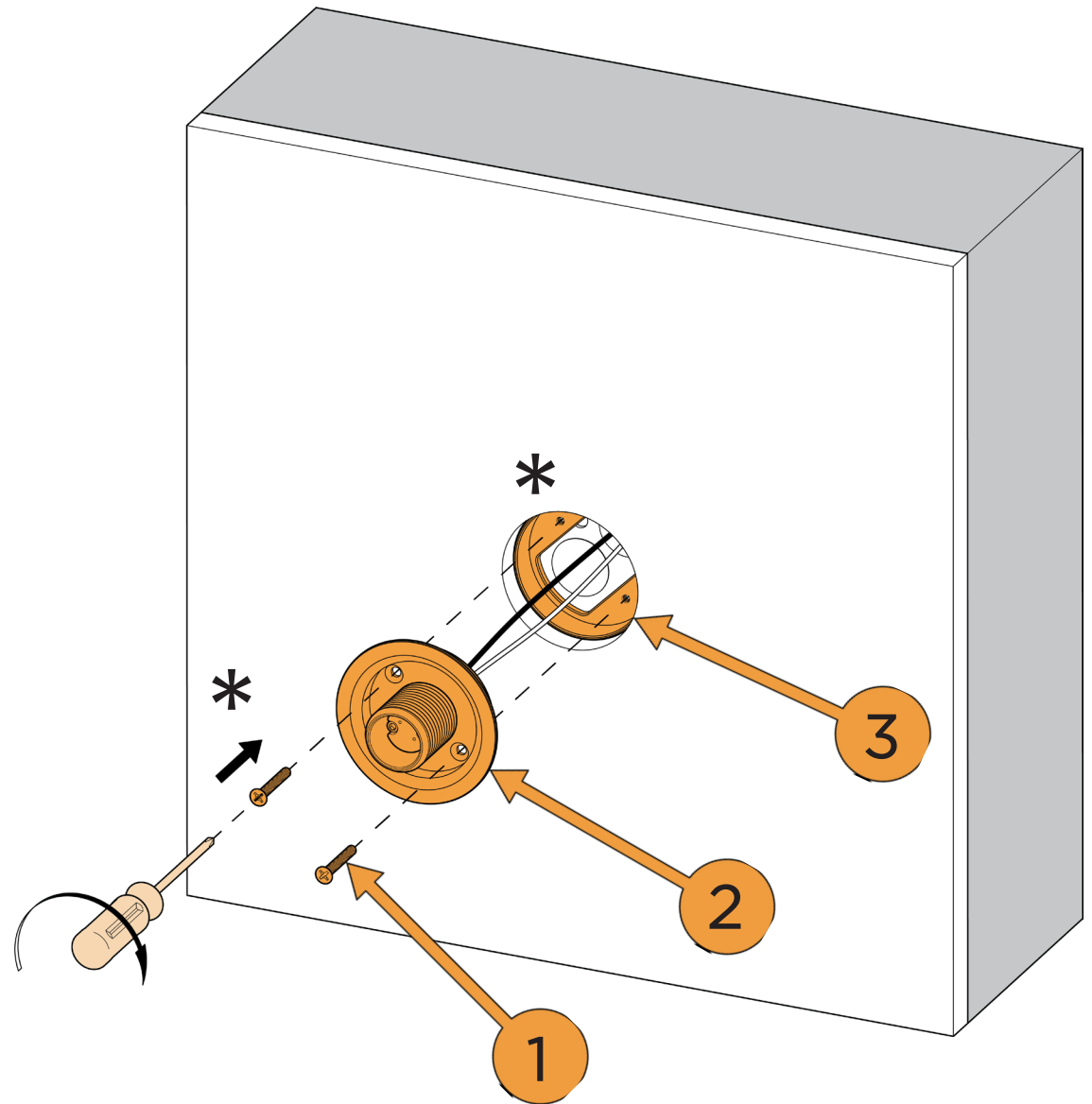


# 6

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.



## Standard Screw

1-1/2" Long

X = 3/8" min / 1-1/4" max

## Long Screw

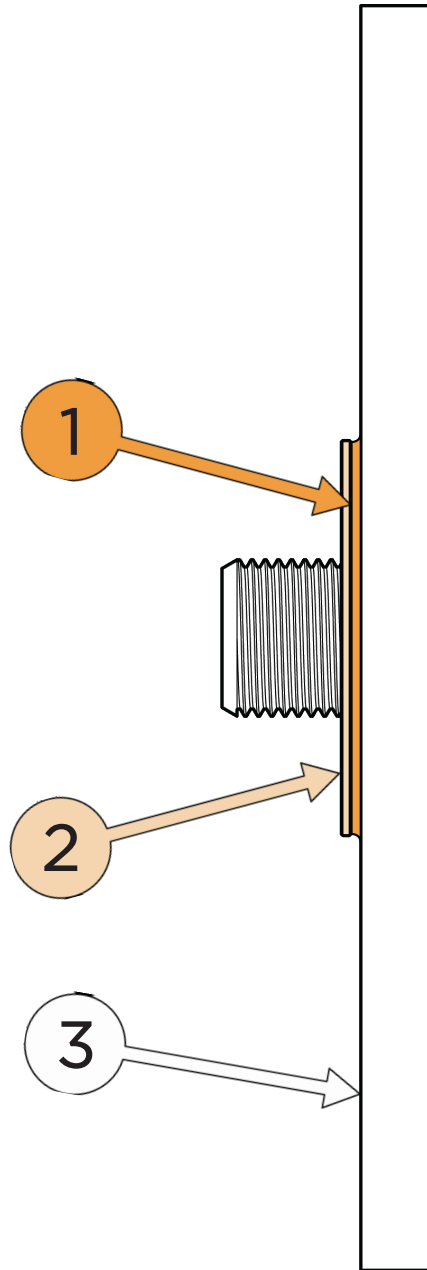
2-1/2" Long

X = 1-3/8" min / 2-3/8" max

# 7

For wet locations only

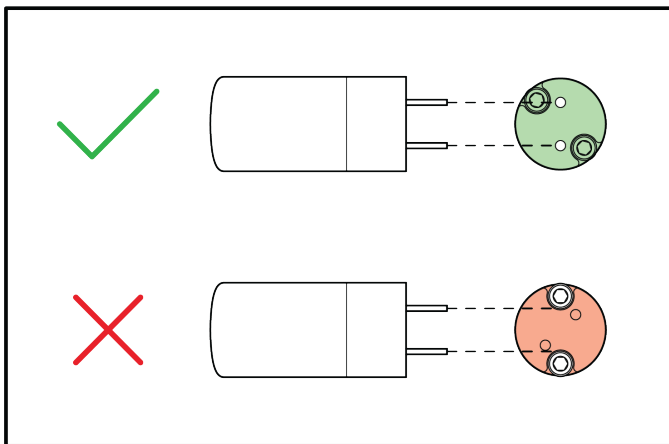
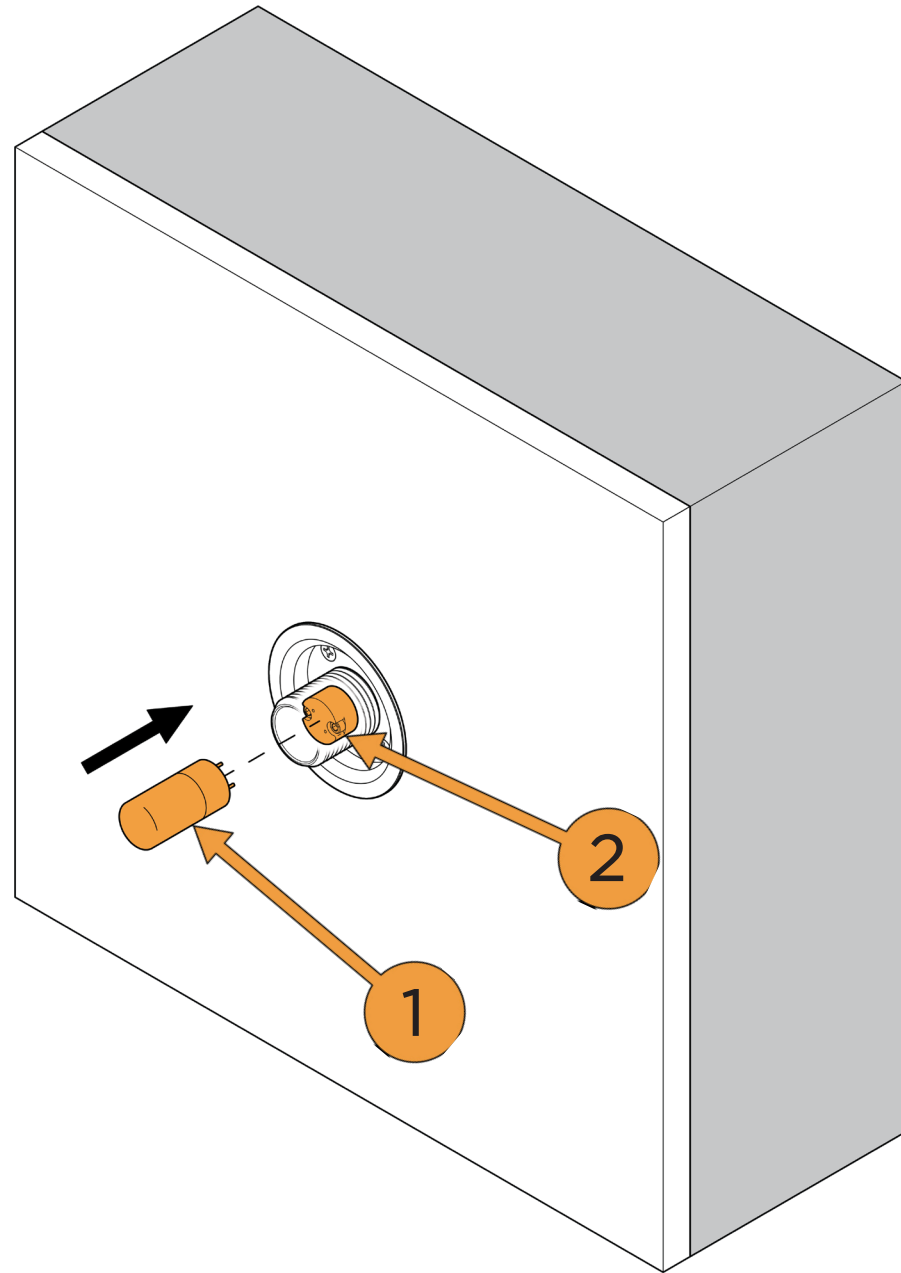
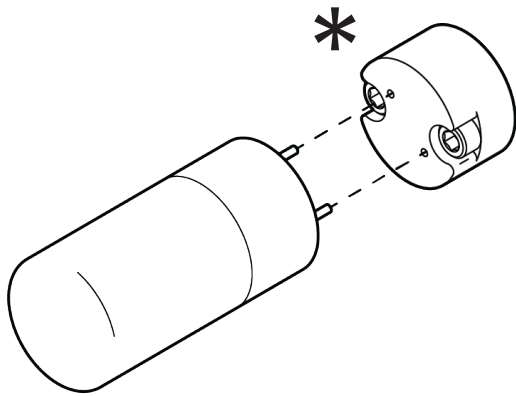
Caulk ① seam between the  
socket cover ② and surface ③



# 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.

