



INSTALLATION INSTRUCTIONS FOR LINEAR BAFFLE STRIP CEILING

# Baffle

ceiling system





## Step-by-Step Installation Guide for SCP Metal Baffle Ceiling Strips

The installation of SCP metal baffle ceiling strips follows several fundamental steps, summarized below. The company recommends every installation crew to follow these instructions to achieve a proper and acceptable result.

### STEP 1 DETERMINE SUSPENSION POSITION

The suspension points are determined by considering the direction of the suspension beams and the distance between them, which should be up to 1200mm. The spacing between successive supports along the axis of the guide, in terms of permissible visible deflection and strength, should not exceed 1200mm. (Fig. 1)

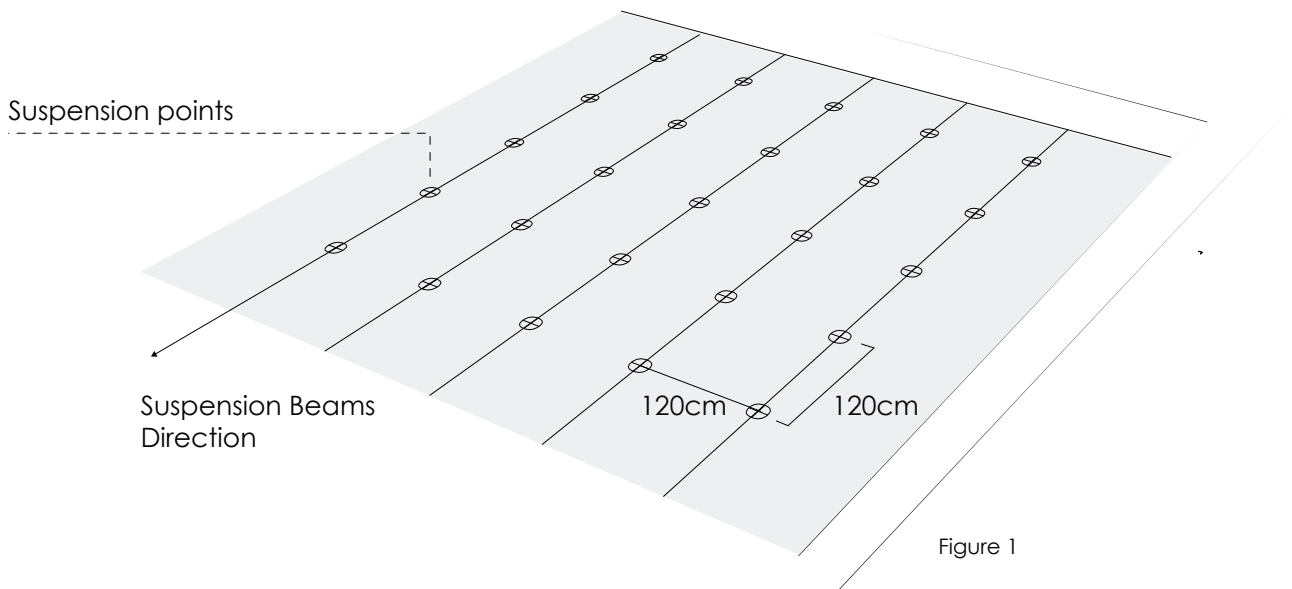


Figure 1

### STEP 2 SUSPENSION INSTALLATION

First, install the Nonius rigid suspension components on the ceiling above the construction. (Fig. 2) This can be done using expansion anchors or metal nails. Next, adjust the height using the Nonius (Fig. 3), and then hang the suspension beams (Fig. 4) using screws and bolts provided with the product. (Fig. 5) If the length of the beams exceeds three meters, connect them in succession using a beam connector. (Fig. 6)

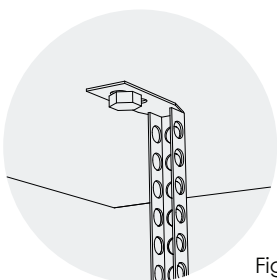


Figure 2

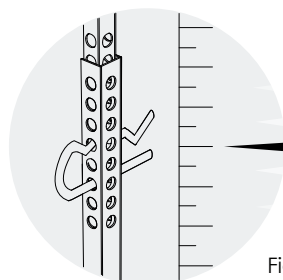


Figure 3

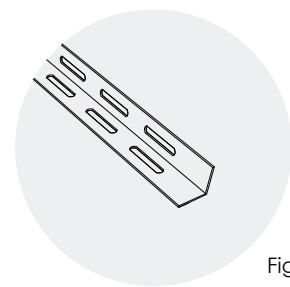


Figure 4

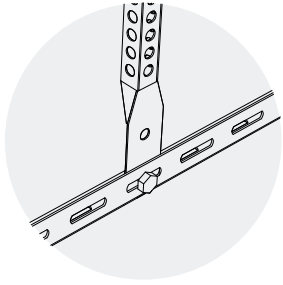


Figure 5

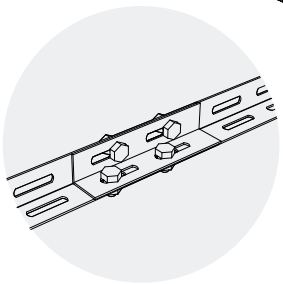


Figure 6

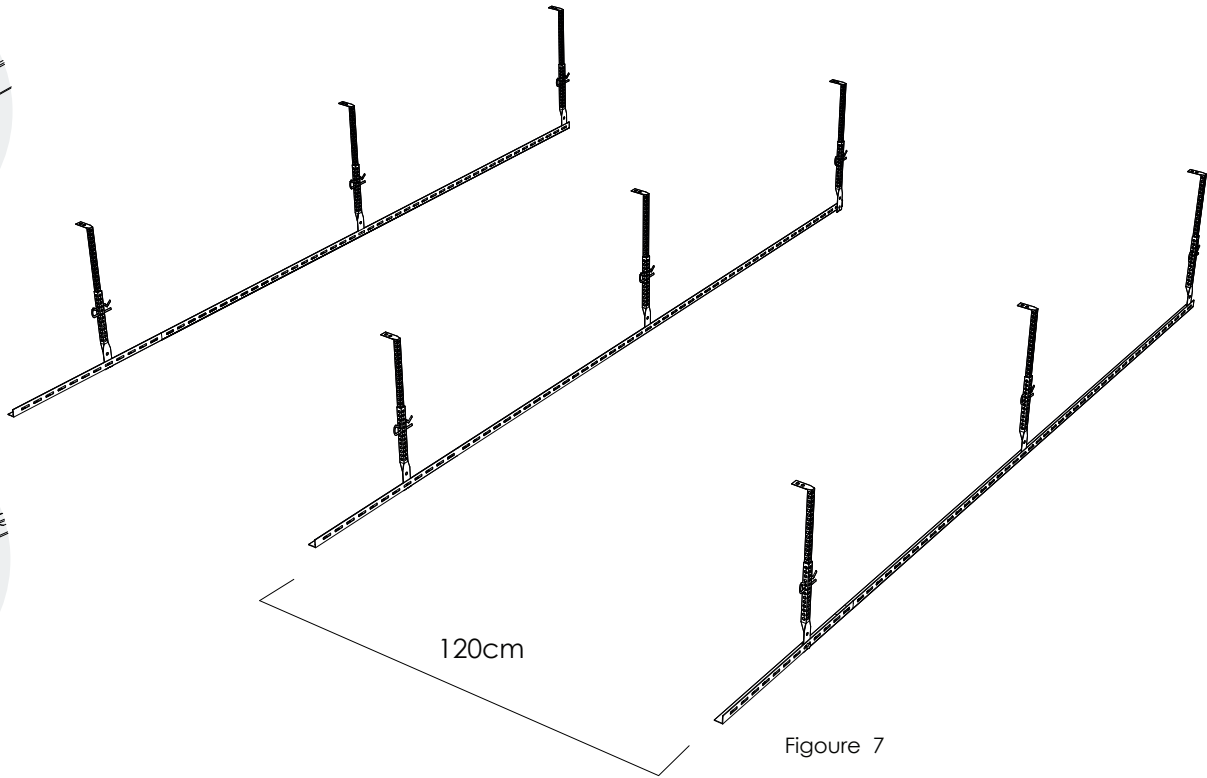


Figure 7

### STEP 3: BAFFLE SUSPENSION GUIDES INSTALLATION

Once the suspension beams are in place (Fig. 7), attach the Baffle suspension bars perpendicularly at 120cm intervals. (Fig. 8) Use a screw and bolt positioned precisely beneath the beams and through the pre-drilled holes. (Fig. 9) If the beams exceed three meters in length, join them with a bar connector. (Fig. 10)

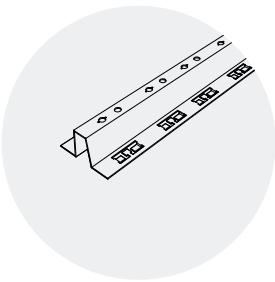


Figure 8

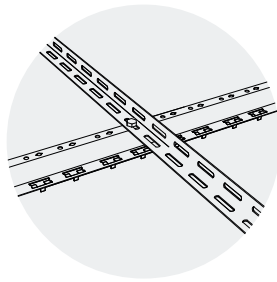


Figure 9

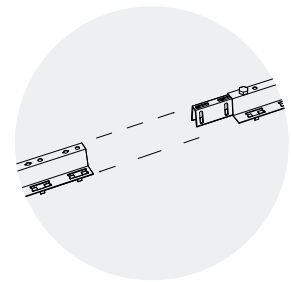
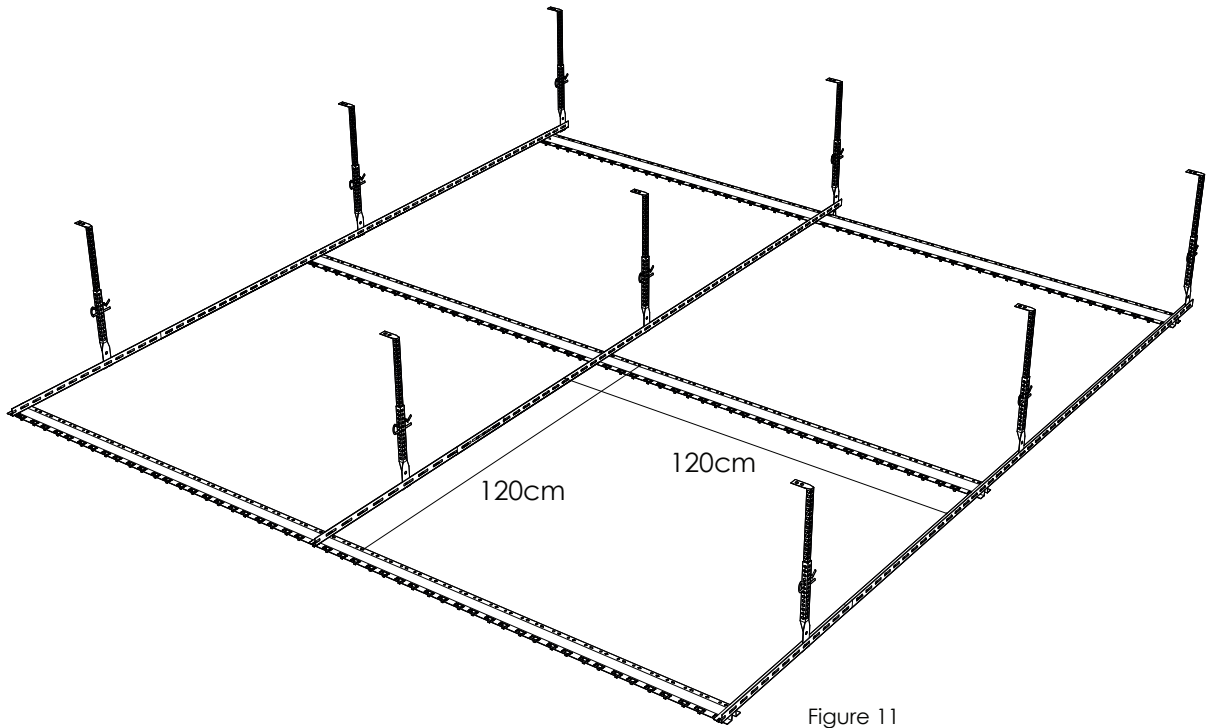


Figure 10



#### STEP 4: BAFFLE STRIPS INSTALLATION

Once the suspension bars are installed beneath the beams, the suspension system is ready to receive the Baffle strips. First, attach the strips to the pre-formed slots of the bars (Fig. 11) along their full length, and secure them by twisting the locks on both sides downward. (Fig. 12) This way, the Baffle strips remain in their designated slots without the need for additional fasteners like screws or rivets. (Fig. 13)

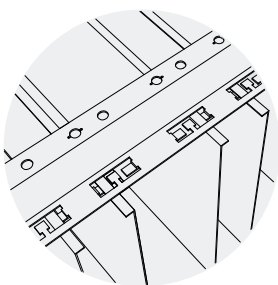


Figure 11



Figure 12



Figure 13

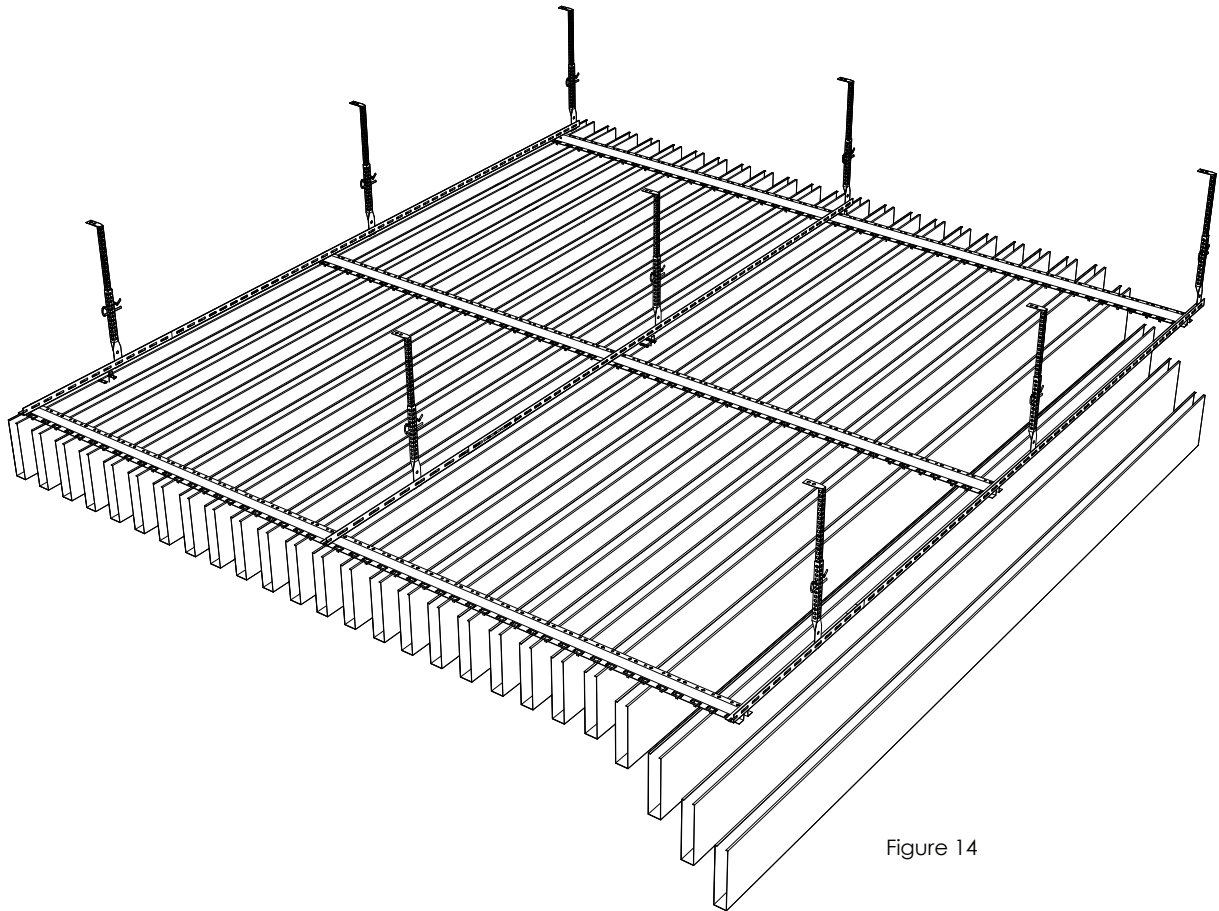


Figure 14

## STEP 5: CONTINUITY CONNECTORS INSTALLATION

For long Baffle strip installations requiring extension, use the continuity connector (Fig. 15) in combination with the continuity cap (Fig. 18).

First, insert the connector halfway into one Baffle strip (Fig. 16) and do the same for the following strip (Fig. 17).

Finally, apply the continuity cap (Fig. 18) directly over the joint (Fig. 19) and secure it on both sides of the two strips. (Fig. 20)

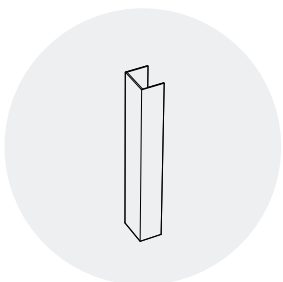


Figure 15

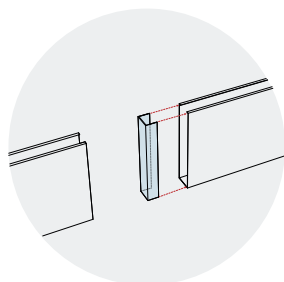


Figure 16

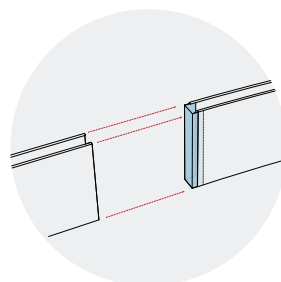


Figure 17



Figure 18

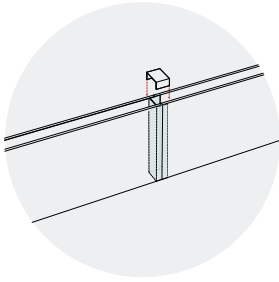


Figure 19

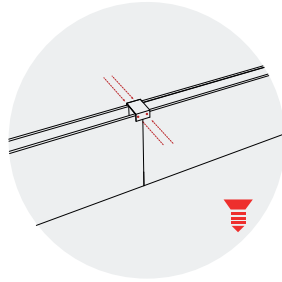


Figure 20

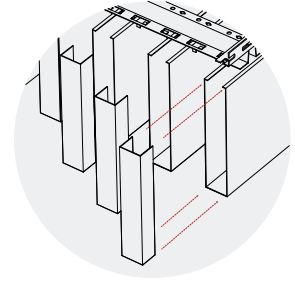


Figure 21

## STEP 6: INSTALLATION OF END FITTINGS

Finally, install the end fittings at the ends of the Baffle strips (Fig. 21) to complete the ceiling construction. (Fig. 22)

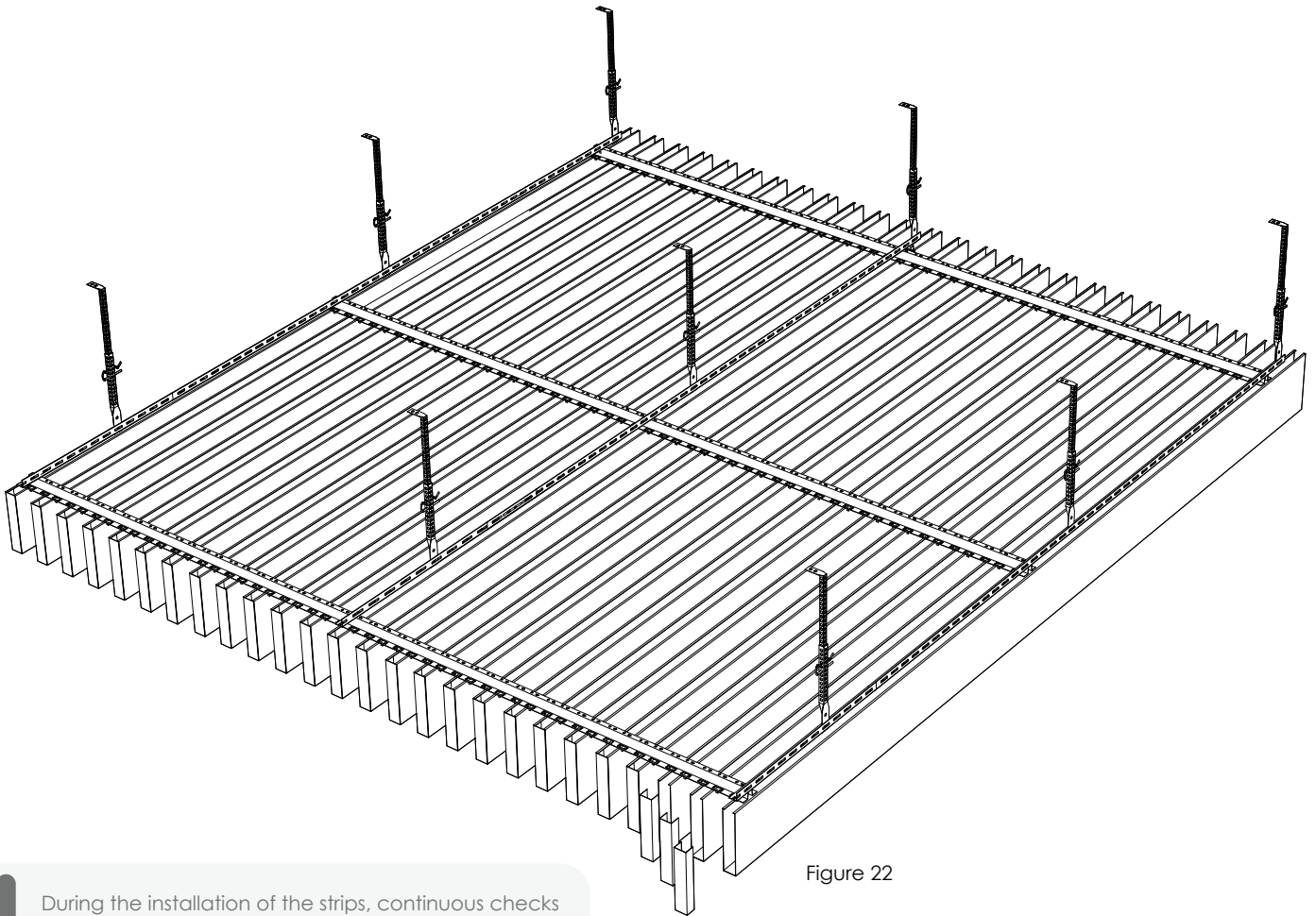
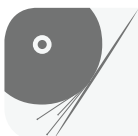


Figure 22

! During the installation of the strips, continuous checks are carried out on the suspended ceiling to ensure its flatness and correct alignment!



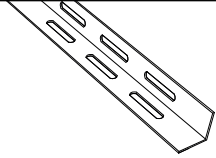

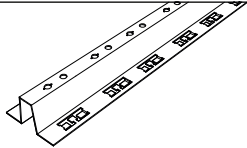



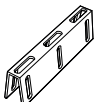

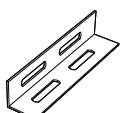

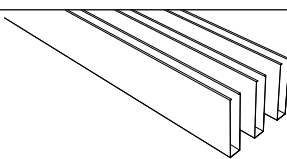








All cuts should be made using the correct tools and with all the necessary safety measures in place.



The use of special gloves is considered necessary during the installation process of the strips.



## Baffle ceiling - Materials List

		Suspension Beam	
		Suspension Bar	
		Suspension Nonius	
		Bar Connector	
		Beam Connector	
		Baffle Strips	
		Strip Continuity Connector	
		Strip Continuity Cap	
		End Fitting	
		Set of Screws/Bolts	