



MULTIPANEL CEILING INSTALLATION MANUAL

Multipanel

ceiling system





Step-by-Step Installation Guide for SCP Multipanel Ceiling

The installation of SCP metal multipanel 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)

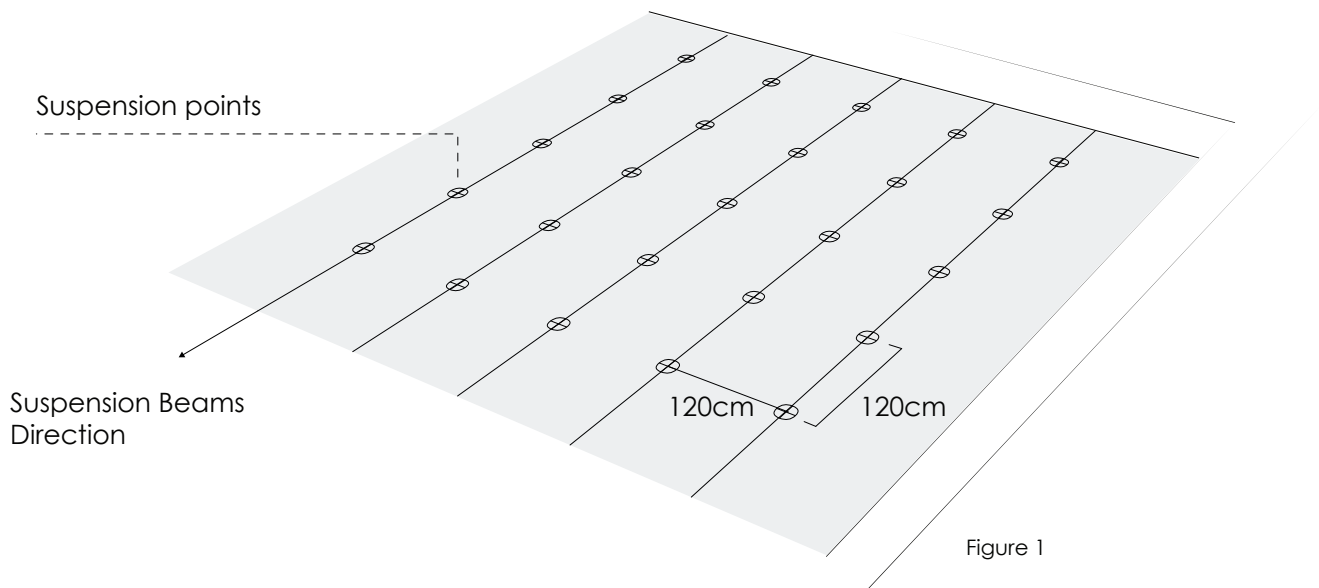


Figure 1

STEP 2: SUSPENSION INSTALLATION

Initially, the rigid Nonius suspension components are installed on the ceiling above the structure (Fig. 2). The installation can be carried out using anchors (upat) or metal nails. Next, the height is adjusted using the Nonius (Fig. 3), and then the suspension beams of the structure (Fig. 4) are mounted using the screws and bolts supplied with the product. In cases where the direction in which the beams run exceeds three meters, the purlins are joined continuously using a purlin connector (Fig. 8).

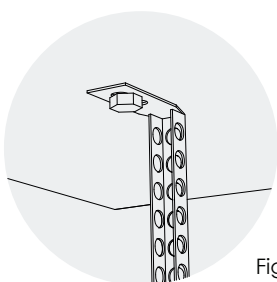


Figure 2

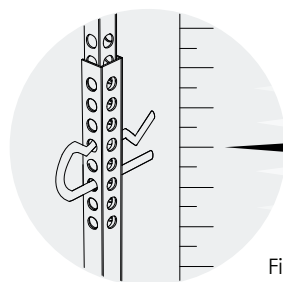


Figure 3

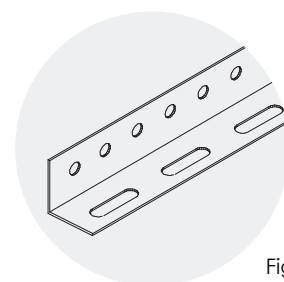


Figure 4

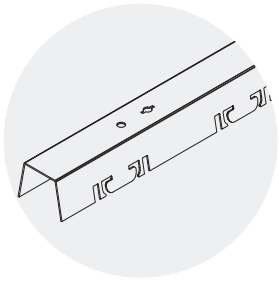


Figure 5

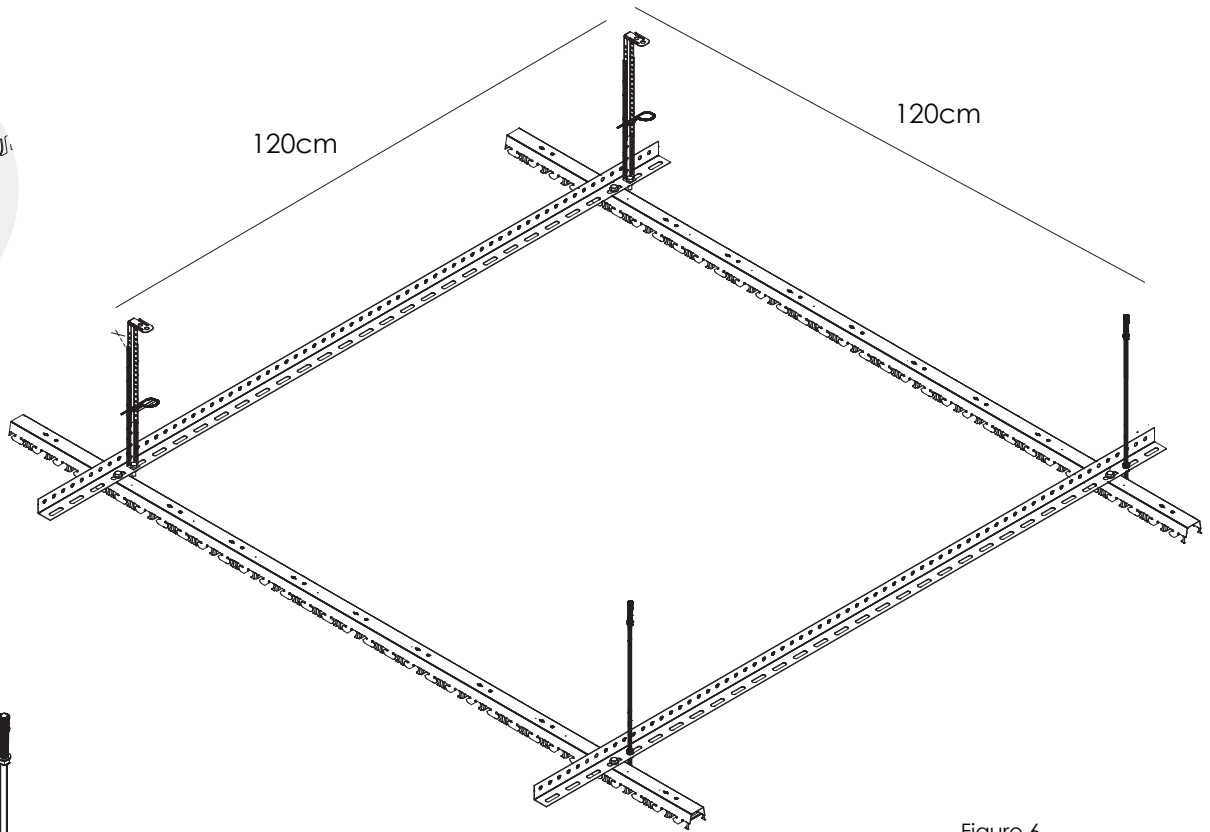


Figure 6

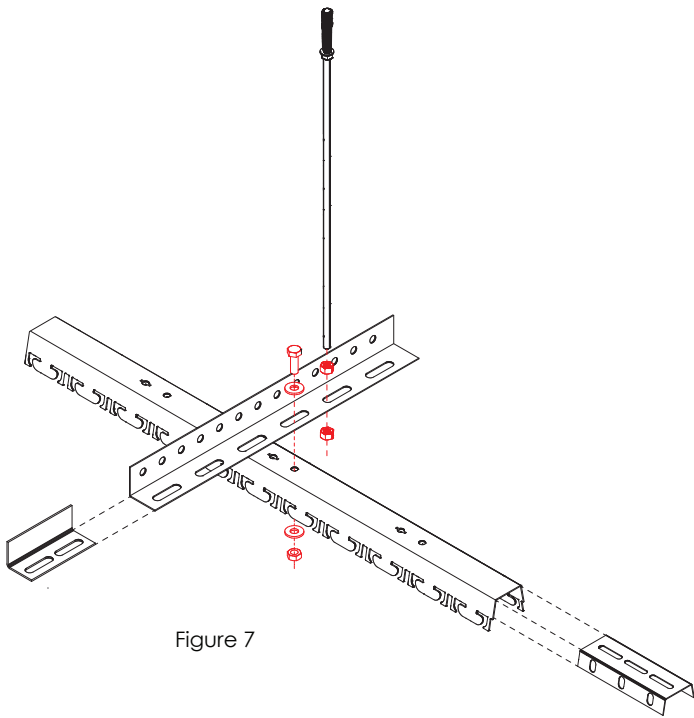


Figure 7

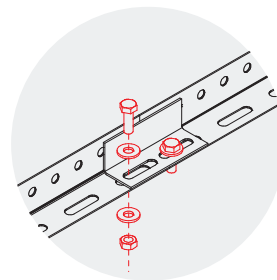


Figure 8

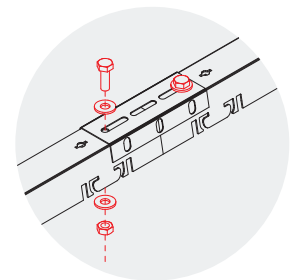


Figure 9

Step 3: MULTIPANEL SUSPENSION GUIDES INSTALLATION

After the suspension beams are installed (Fig. 6), the suspension bars (Fig. 5) are applied perpendicular to them at a distance of 120 cm from each other. This is achieved using a screw and bolt placed directly underneath the Beams, through the existing holes (Fig. 7). In cases where the direction in which the bars run exceeds three meters, they are joined continuously using the Multipanel bar connector (Fig. 9).

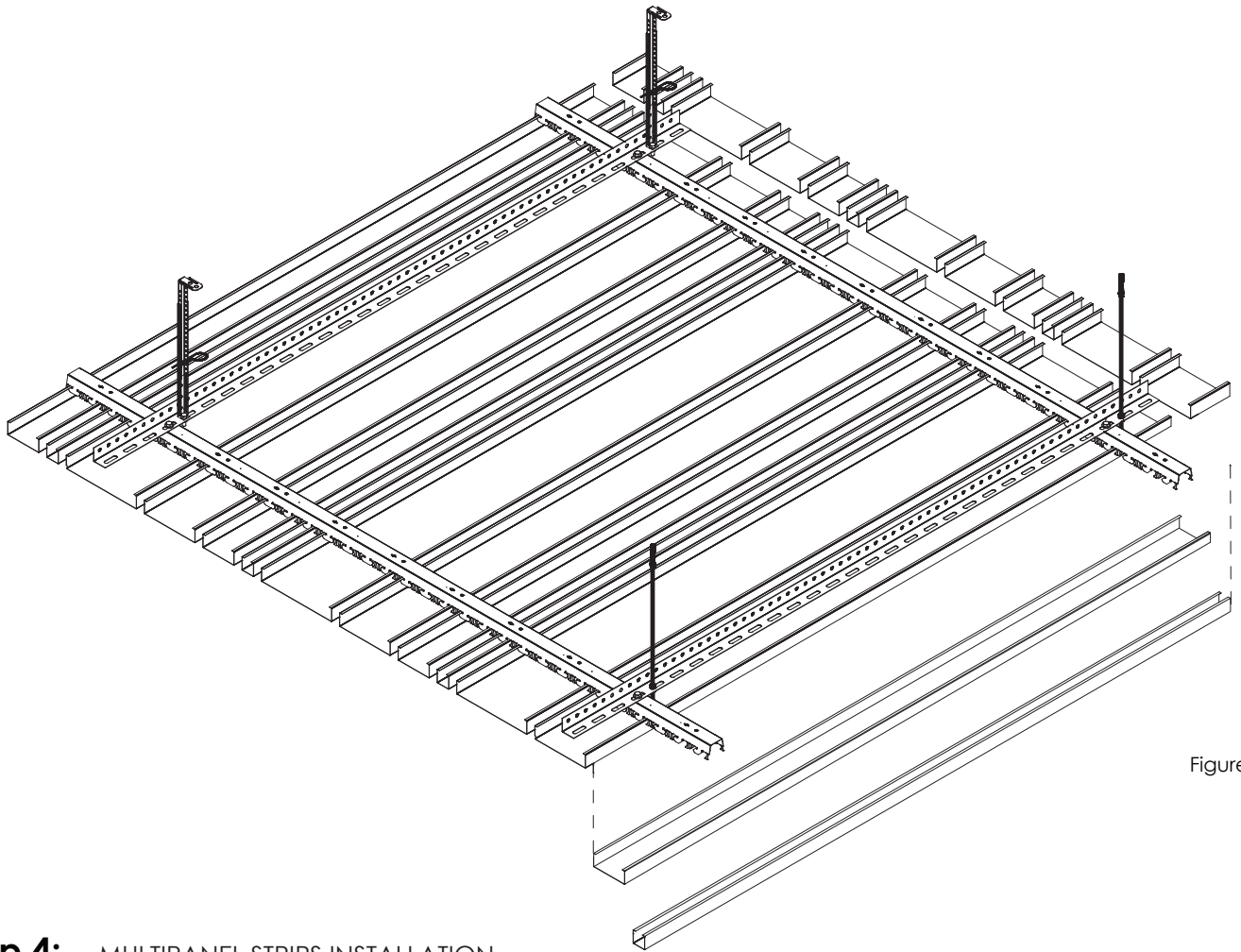


Figure 10

Step 4: MULTIPANEL STRIPS INSTALLATION

Once the suspension bars have been installed beneath the beams, the suspension system is ready to receive the Multipanel strips. Initially, the strips are hung along their entire length from the pre-formed positions of the bars (Fig. 10) and are secured by turning the locking clips on both sides downward (Fig. 13). In this way, the Multipanel strips remain in their designated positions on the joists in their initial placement, without requiring any additional fixing methods (such as screwing, riveting, etc.) (Fig. 10).

If the span of the Multipanel strips exceeds 3 meters, the strips are joined together using the Multipanel strip continuity connector (Figs. 11, 12).

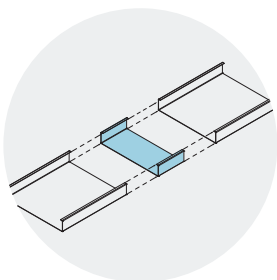


Figure 11

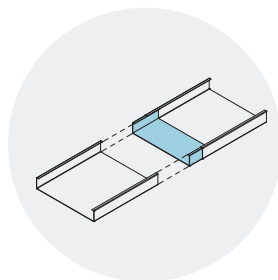


Figure 12



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.

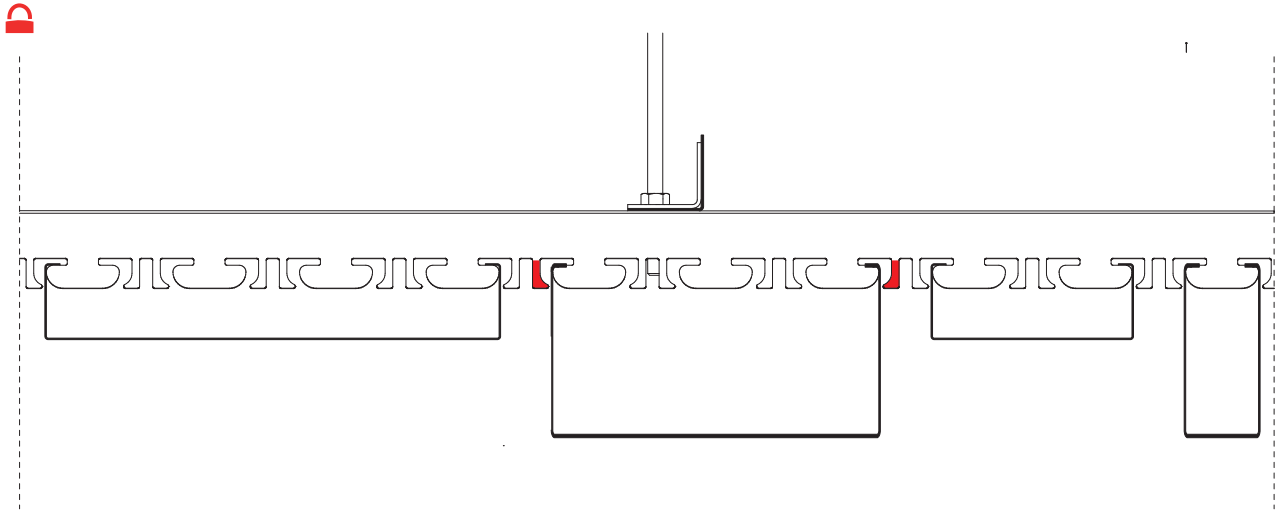


Figure 13

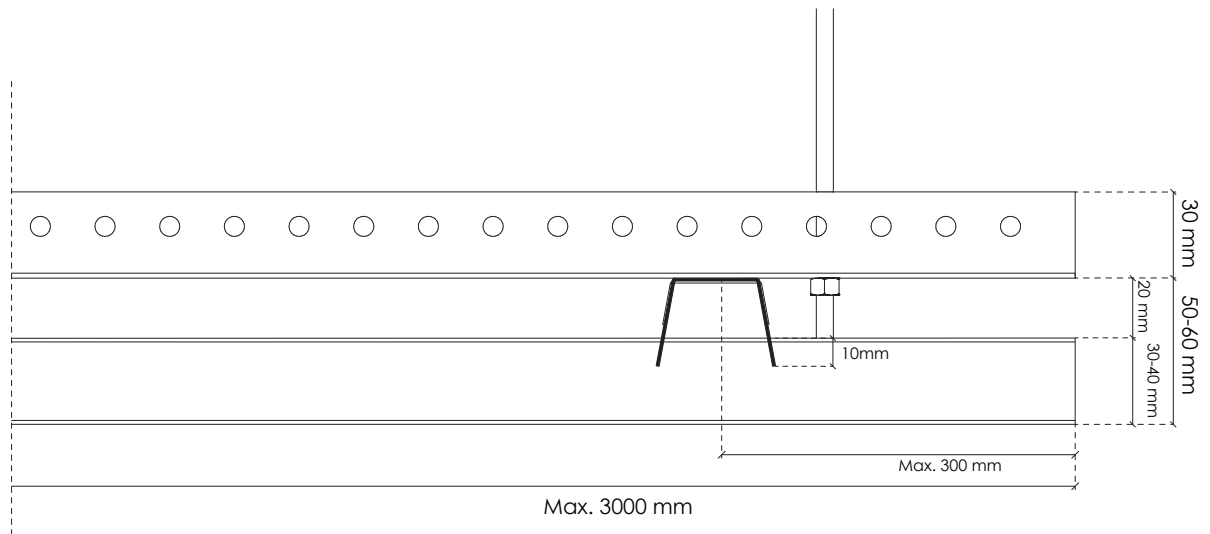
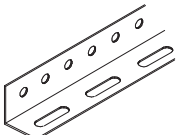

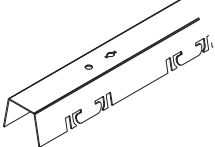



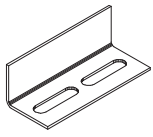

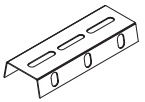

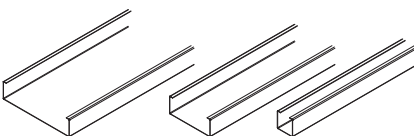

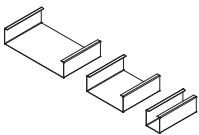




Figure 14

Multipanel Ceiling - Material List

		Multipanel Beam	
		Multipanel Bar	
		Suspension Nonius	
		Multipanel Beam Connector	
		Multipanel Bar Connector	
		Multipanel Strips	
		Multipanel Strip Continuity Connector	
		Set of Screws/Bolts	