



SELF SUSPENDED LINEAR STRIP CEILING INSTALLATION INSTRUCTIONS

Hyg





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The SCP HYG self suspended strip ceiling follows certain basic steps which are briefly presented bellow. It is strongly recommended that they are followed by every installation team so that the proper and acceptable result is achieved.

STEP 1: Perimeter profile installation

In order to install the perimeter profile (Image 1) the suspended ceiling's general level must be first determined. This is achieved using a water hose in smaller spaces, or laser rays in larger spaces and for higher precision. Then, the SCP (code 7010) "L", 24mmx24mm profile is installed perimetrically on the space's vertical elements and all its angles, fixed by screws every 450mm maximum distance. This is the most important task and should be carried out with great care.

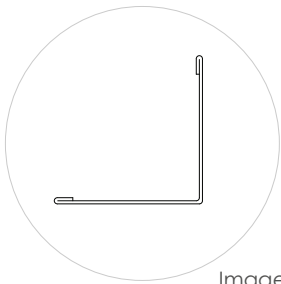


Image 1

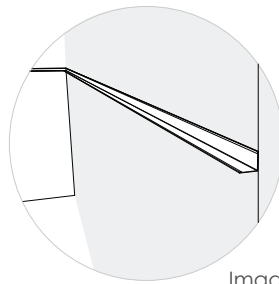


Image 2

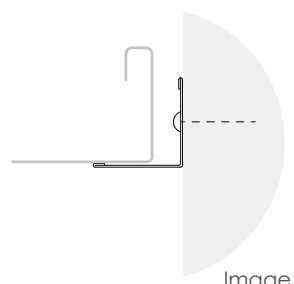


Image 3

STEP 2: Strips installation

Firstly, the direction that the strips will be installed is chosen. The strips are produced 20mm shorter. Consequently, the strips are installed in the chosen direction. Due their special shaping of 30mm height the can be installed without suspension (Image 4). Consequently they are installed successively, from the side to the middle, until the ceiling is fully covered.

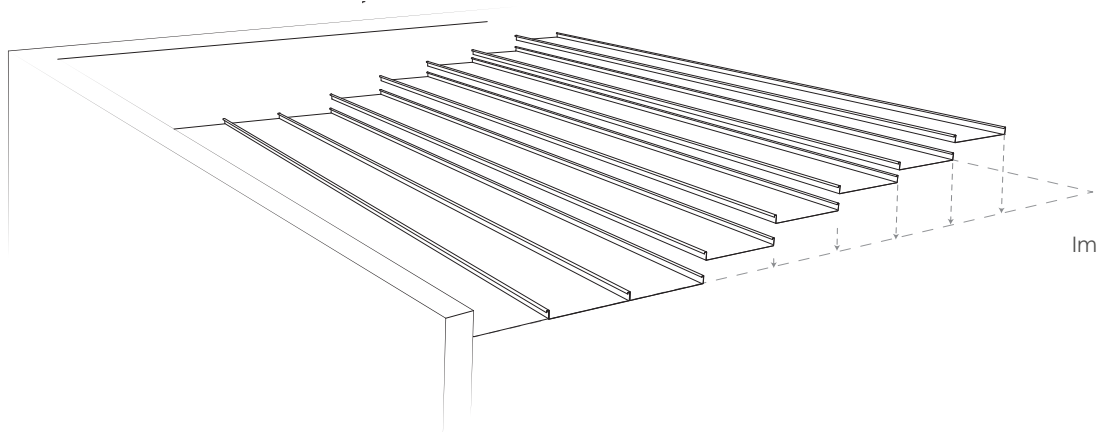


Image 4



For steel strips of 0,5mm, the recommended length of the self suspended structure is 3000 mm for HYG 200mm, 3000 mm for HYG 250mm and 3000mm for HYG 300mm.



During the installation of the tiles the suspended ceiling is constantly squared and leveled.



For all the cuttings proper tools should be used and all safety rules be followed



The use of gloves is necessary during the installation of the tiles.

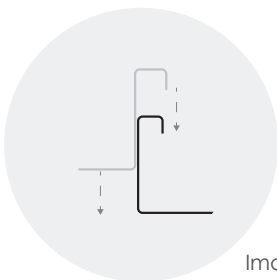


Image 5

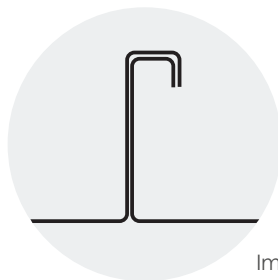


Image 6

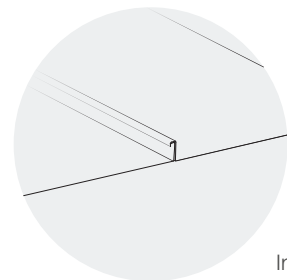


Image 7

If the strips must be cut lengthwise and widthwise, the SCP metal edge alignment accessory (Image 8), in order to straighten the cuttings .(Image 9)

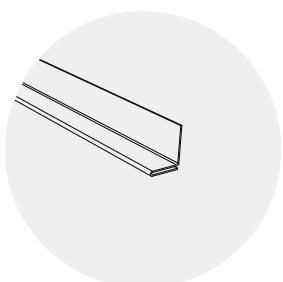


Image 8

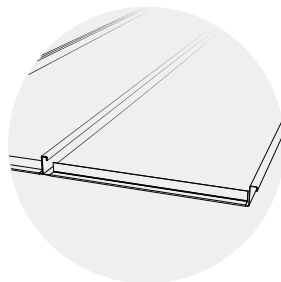


Image 9



Bandraster Use

In case the length is longer than the recommended strip's length, the strips cannot be self-suspended. The strips are divided lengthwise with a Bandraster and they are self-suspended on both sides of the profile (Image 13, 14).

- SCP Bandraster profile HYBDRA, "Π" -shaped, 100x35mm, from electrostatic coated aluminum (Image 10).
- SCP connector accessory HYVDRM, "M"- shaped, from galvanized steel (Image 11).
- SCP connector accessory HYVDRX, "X"- shaped, from galvanized steel (Image 12).

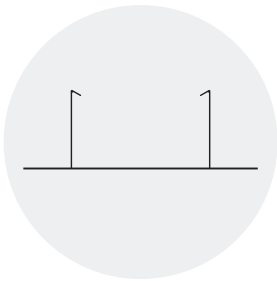


Image10

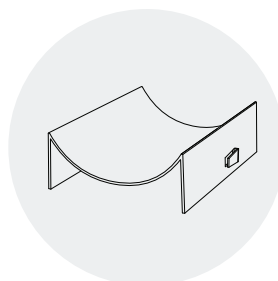


Image 11

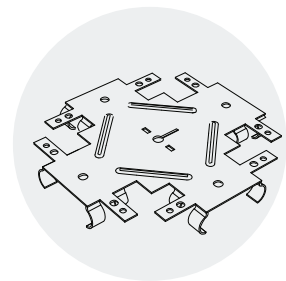


Image 12

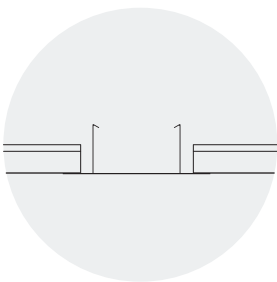


Image 13

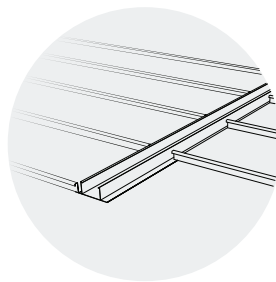


Image14

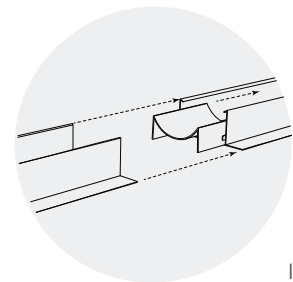


Image 15



In case Bandraster is used larger spaces where the self suspended large ceiling must cover distances, the space should be offered with strips of maximum length in one direction 3m. The Bandraster profiles are connected between them lengthwise and perpendicular to the coplanar, X-shaped connector, whose bilateral extensions permit the Bandrasters to fit easily (Image 16).

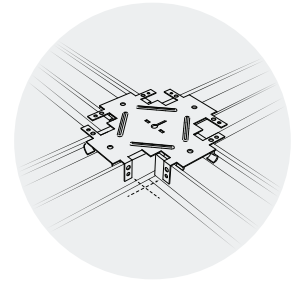


Image16

Alternative Support Systems

- Beam

An alternative way to suspend the ceiling for lengths over 3m, is using a steel beam (Image 17). It is a bearing runner with special notches where the strips are applied, and from where they are suspended (Image 18).

The beams themselves are suspended by holes on their upper surface that they structurally process from the upper part of the suspended ceiling.(Image 19)

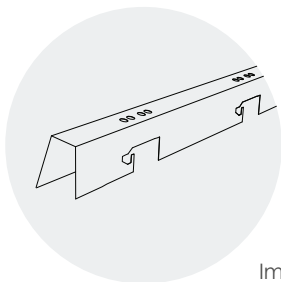


Image17

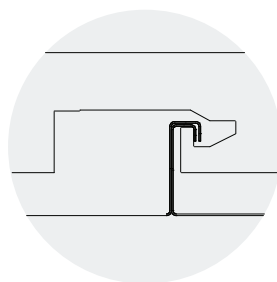


Image 18

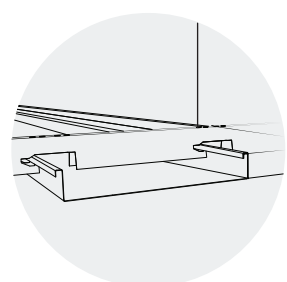


Image 19



Direct Suspensions

-Safety Suspensions

In case that we chose to strengthen the structure with extra support, this can be achieved with the direct suspension accessory (Image 23), which is applied precisely on their protrusion where the strips are connected.

The holes along the suspension accessory (Image 20) provide points where the structure can be fixed, with the support condition on the upper part of the ceiling (ironwork, purling, etc)

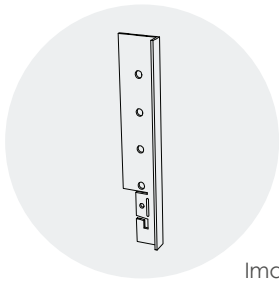


Image 20

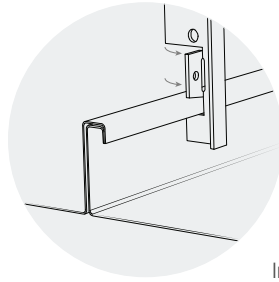


Image 21

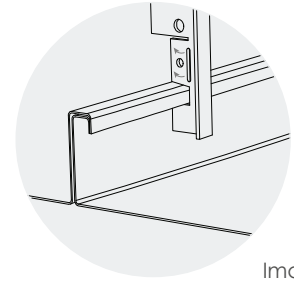


Image 22

-Direct Suspensions

In case that we chose to strengthen the structure with extra support, this can be achieved with the direct suspension accessory (Image 23), which is applied precisely on their protrusion where the strips are connected.

The holes along the suspension accessory (Image 20) provide points where the structure can be fixed, with the support condition on the upper part of the ceiling (ironwork, purling, etc)

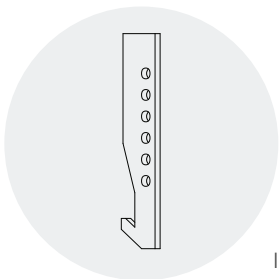


Image 23

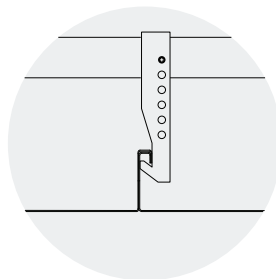


Image 24

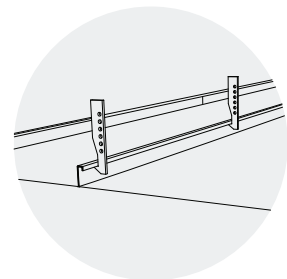
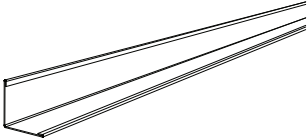





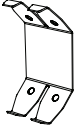





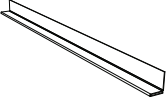

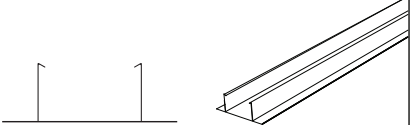

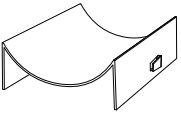

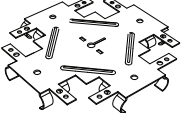

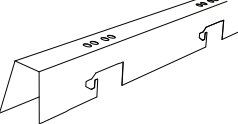




Image 25



Self Suspended Ceiling – Accessories Catalog

	7010	Perimeter angle 24x24x3.05	
	An-8	Metal suspension anchor 8mm	
	Sg-3	Suspension hanger wire 3mm	
	S3	Double Spring Clip	
	HYST	Self Suspended Strip	
	HY.H	Direct Suspension Hanger	
	HY.P	Edge alignment accessory	
	HYBDRA10	Bandrastrer aluminum profile 100x35mm	
	HYBDRM	M Connector	
	HYBDRX	X Connector	
	R45G	Suspension Beam	
	HY.HSP	Safety Suspension Hanger	