

Hold Down Clips

Keeping the tile in place for multiple usage



Sounds Beautiful

Holding the tile in place

In some instances it is not enough that a ceiling tile just lays in the grid, it needs to be kept in its exact spot. To avoid concerns associated with uplift, cleaning, impact and slope, we have created three special hold down clips specifically designed with a large point of contact, ensuring even pressure on the ceiling tile without damaging it. This safeguards the visual design of a room.

Our hold down clips are built to provide you with options and security that match the room's needs and expressions. Easy to mount and demount, our hold down clips are made in plastic, making them resistant to corrosion.

Types of clips

Our three hold down clips perfectly fit with our grid system and they accommodate three types of tile thickness, making it easy for you to find the hold down clip that is right for you.



HDC1



HDC2



HDC3



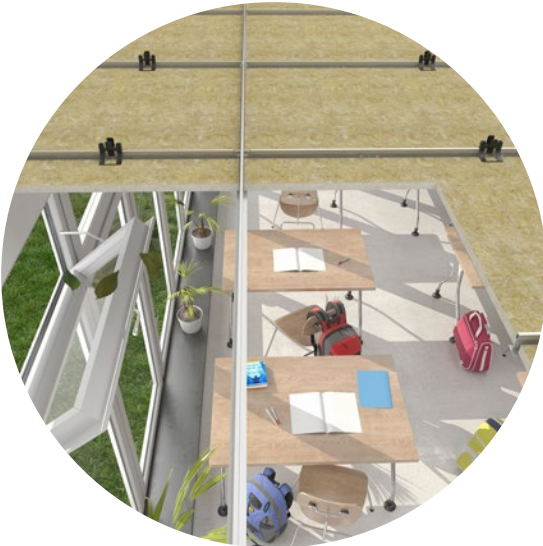
CLEANING

Building materials in specific segments need to meet stringent sanitation requirements, meaning that the tiles are regularly cleaned and scrubbed. To avoid having to remove the acoustic tile from the grid, thus exposing the room to dust and dirt from the plenum, our hold down clips apply resistance to the back of the tile, allowing for a thorough cleaning of the surface. This is important when considering the hygiene associated in hospitals, operation theaters and clean rooms.



IMPACT

Schools can be noisy and rambunctious spaces, placing high importance on acoustics and the ceiling's ability to withstand impact. Due to the special design and large point of contact of our hold down clips, our light weight acoustic tiles will be able to take a knock without damaging the tile or hitting it out of the grid. This keeps people and the design expression of the room secure.



WIND UPLIFT

Due to the lightweight nature of acoustic ceiling tiles, variations in room pressure can cause a modular ceiling tile to lift up out of the frame or even the grid. In rooms that are affected by this challenge, our hold down clip can properly secure the ceiling, elevating the concern and distraction caused by uplift.



SLOPE

Placing acoustic solutions on a slope can bring beautiful aesthetics to a room. Using lite acoustic tiles on a slope makes the modular ceiling additionally susceptible to touch. To prevent tiles from moving, our hold down clips protect the room's acoustics and keeping the tile secure.

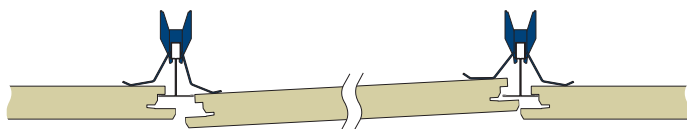
Mounting requirements

The numbers in the table refer to the drawings on the following pages. These drawings only show a few ceiling options, depending on the tile dimension. For other dimensions, contact Rockfon technical service.

Mounting Requirements

Mounting requirements for Plastic Hold Down Clips HDC1/ HDC2/ HDC3												
Tile		Application area										
		Cleaning				Wind uplift			Impact			Slope
		Standard			High Pressure							
Edge	Thickness (mm)	HDC1	HDC2	HDC3	HDC2	HDC1	HDC2	HDC3	HDC1	HDC2	HDC3	HDC1
A	15	3/7				3/9						
	20	3/7			4	3/9			2/8 (3A)			
	25		3/7				3/9			2/8 (3A)		
	30		3/7				3/9					
	40			3/7				3/9			2/8 (2A)	
E	15	2/6				3/9						
	20	2/6				3/9						
	25	2/6				3/9						
	30	2/6				3/9						
	40		2/6				3/9					
D	20	1/5										
	25	1/5										
	30	1/5										
	40		1/5									
	50			1/5								
M¹	20	1/5										1/5
	25	1/5										1/5
X*	22	1/5										1/5
	25	1/5										1/5
Z¹	20	1/5										

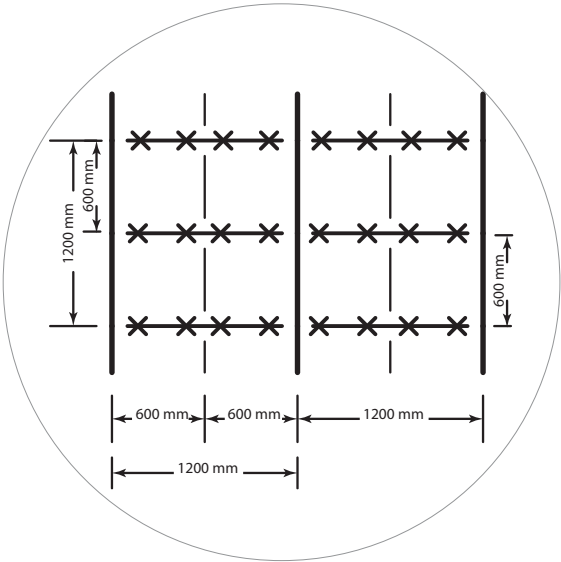
1) Due to the design of the X, M and Z-edge (20-25mm), the hold down clip does not impede access to the plenum, permitting easy contact to the installations behind the ceiling.



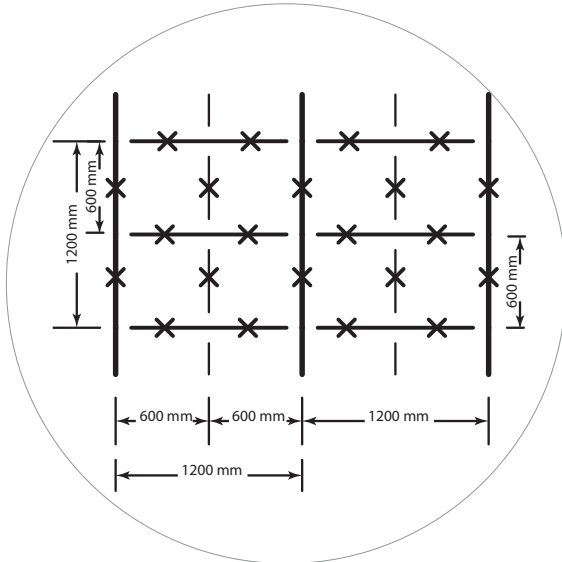
* Demounting of the X-edge.

Amount of clips/m ²	
Drawing	Amount of clips
Drawing 1	5.6 clips
Drawing 2	5.6 clips
Drawing 3	2.8 clips
Drawing 4	11.2 clips
Drawing 5	4.2 clips
Drawing 6	4.2 clips
Drawing 7	2.8 clips
Drawing 8	5.6 clips
Drawing 9	1.4 clips

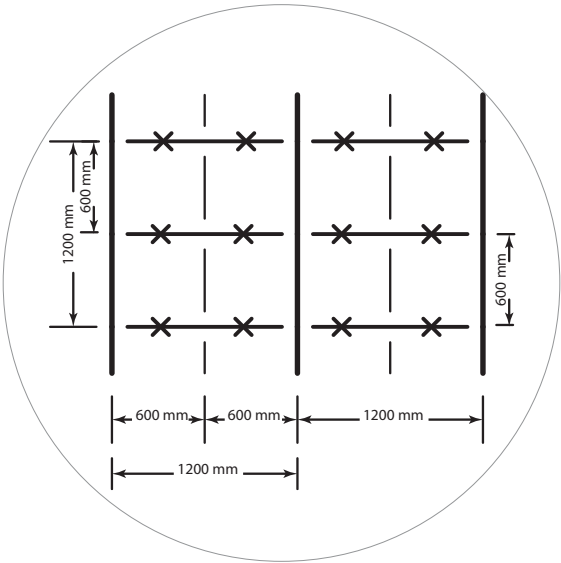
Placement of clips



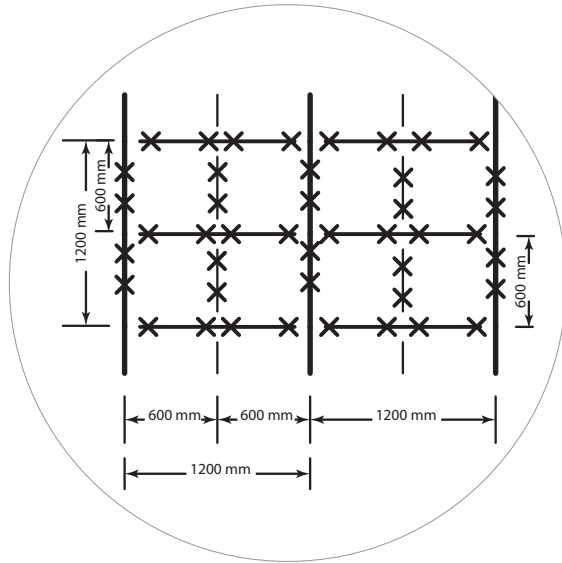
DRAWING 1



DRAWING 2

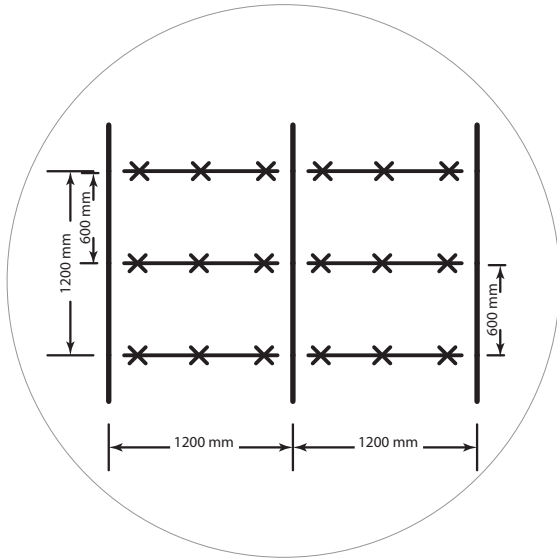


DRAWING 3

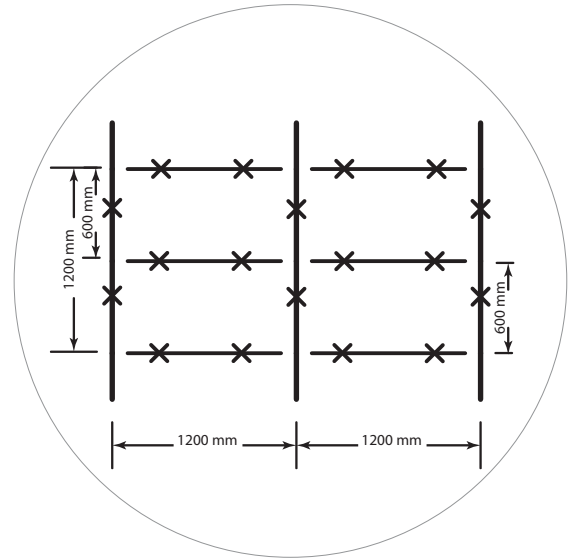


DRAWING 4

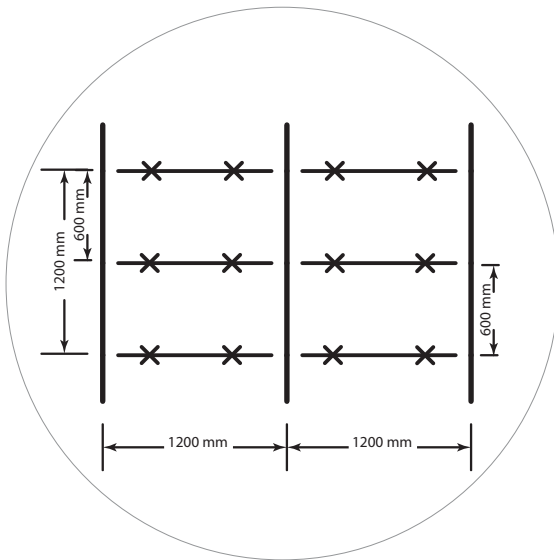
- Main Runner
- Cross Tee 1200 mm
- Cross Tee 600 mm
- Suspension
- HDC Clip



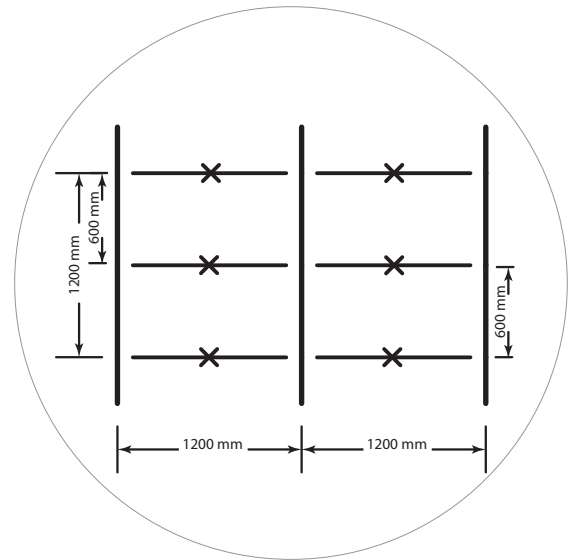
DRAWING 5



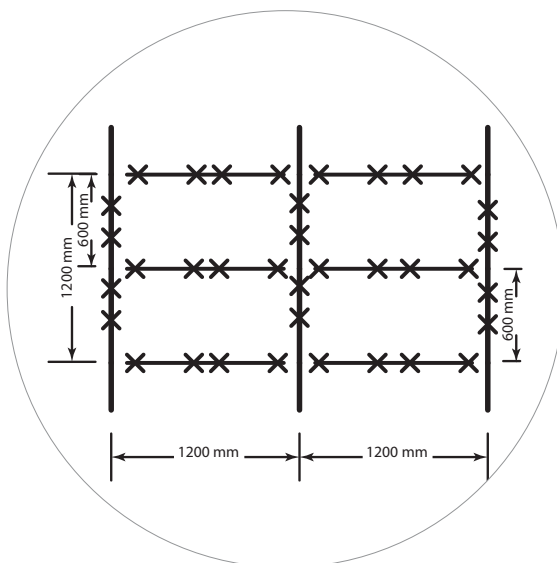
DRAWING 6








DRAWING 7



DRAWING 8



DRAWING 9

-  Main Runner
-  Cross Tee 1200 mm
-  Cross Tee 600 mm
-  Suspension
-  HDC Clip



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