

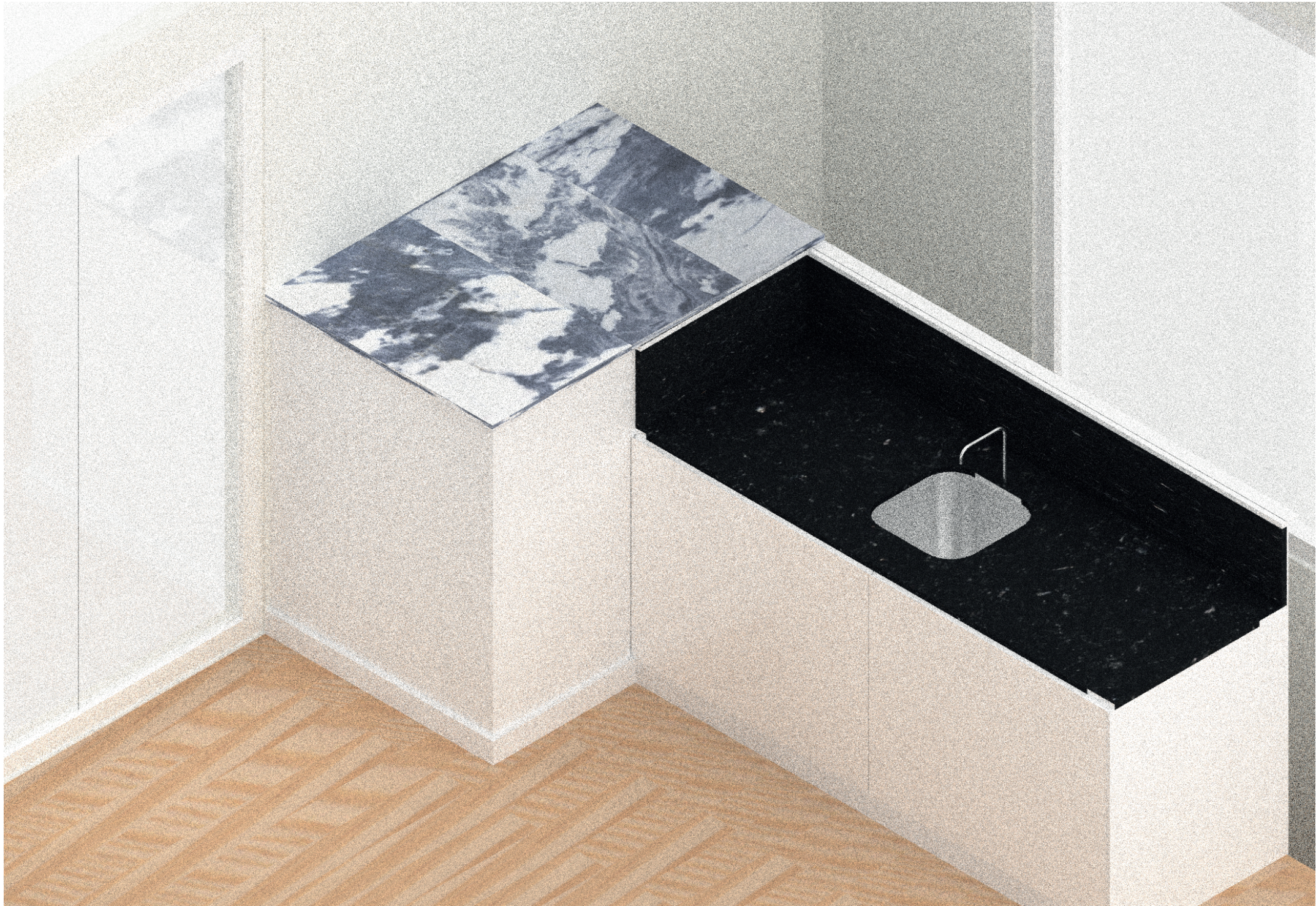
Top view - isometric



Bottom view

Marble Structure

option 2 - closed structure with thin marble on the bottom



Top view - isometric



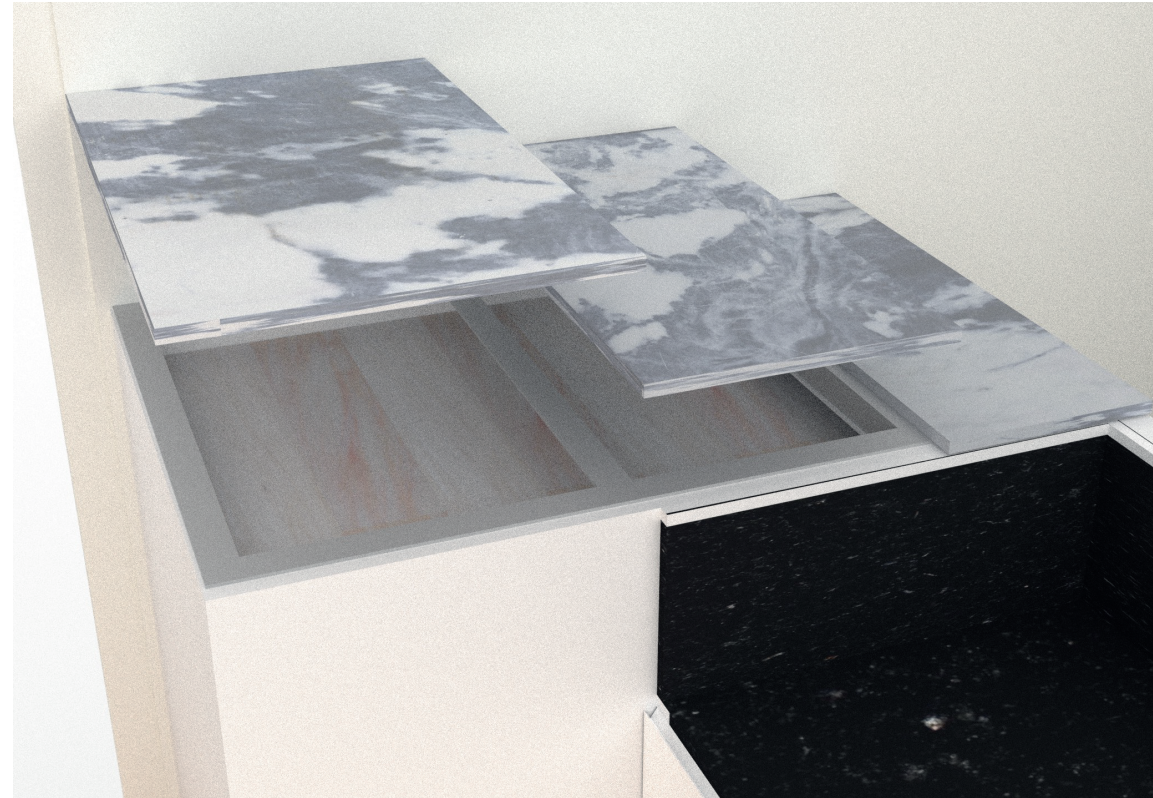
Bottom view

1



Placing and fixing the metal structure to the wall.

2



Adding the top marble pieces and gluing them to each other.
Then, sealing three sides:
one side in between the marble and the wall two sides in between the metal structure and the marble.

①



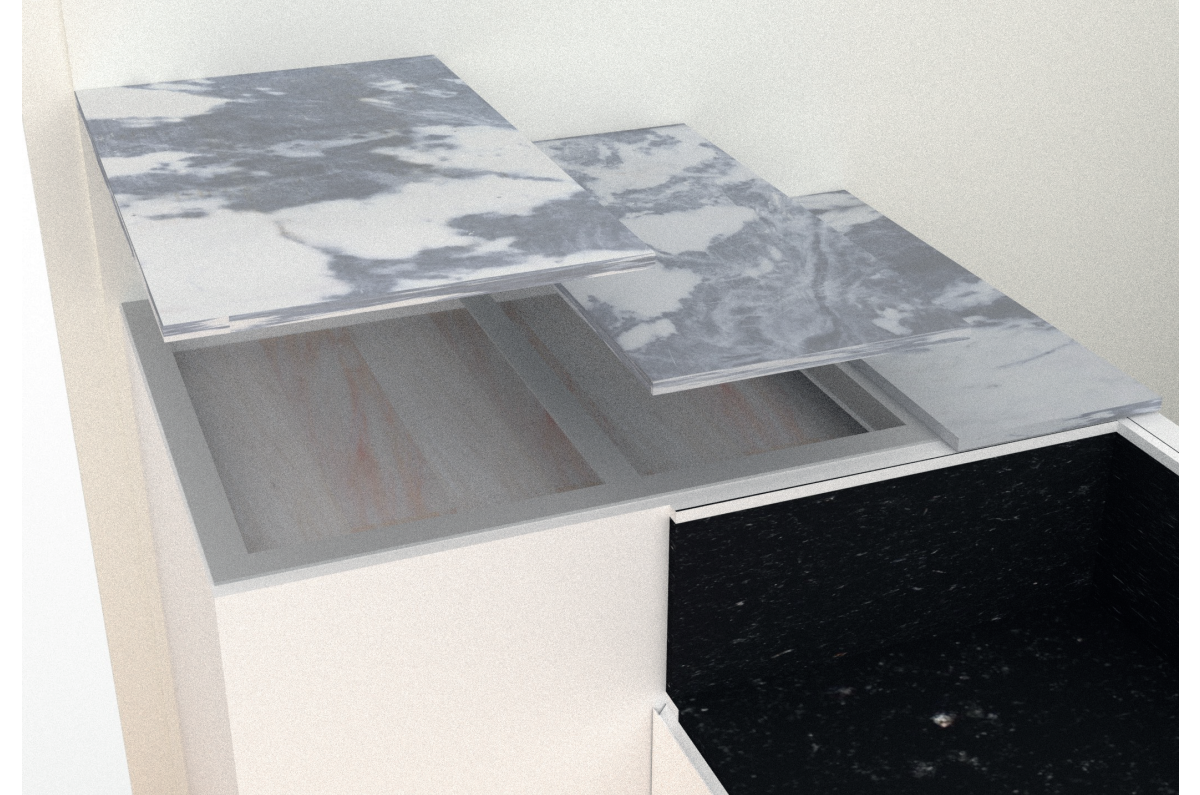
Placing and fixing the metal structure to the wall.

②



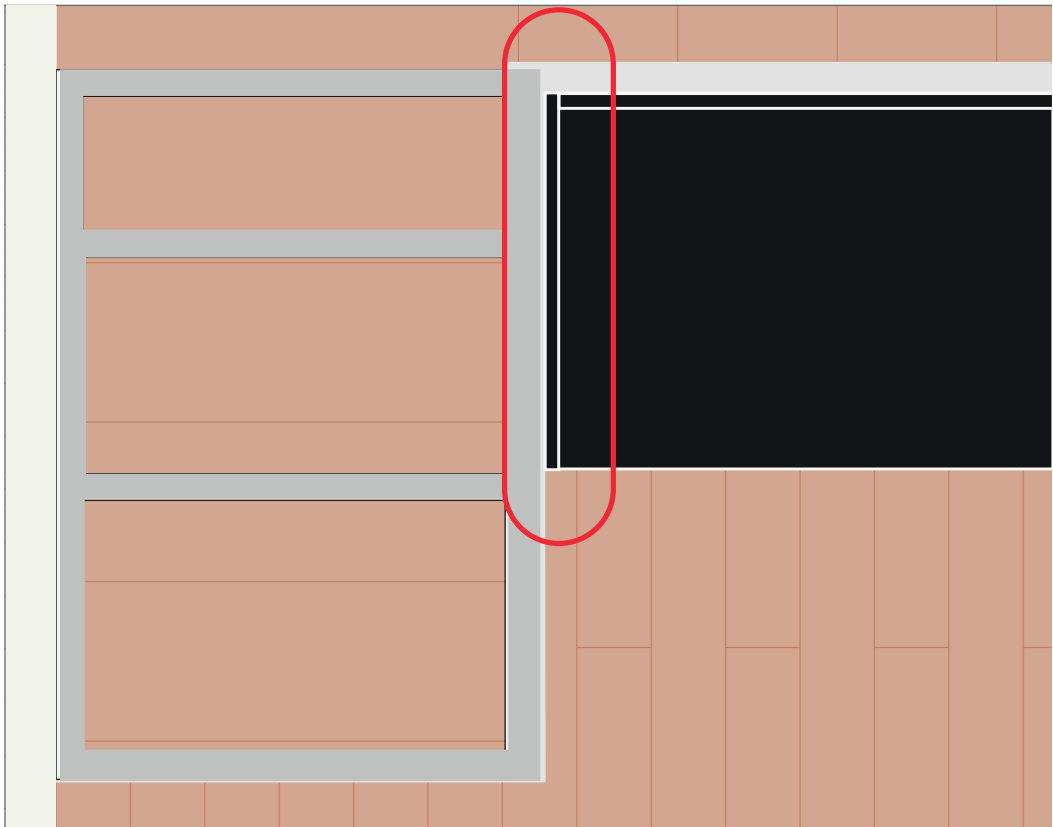
Adding thin strips of marble to the bottom of the structure.

③



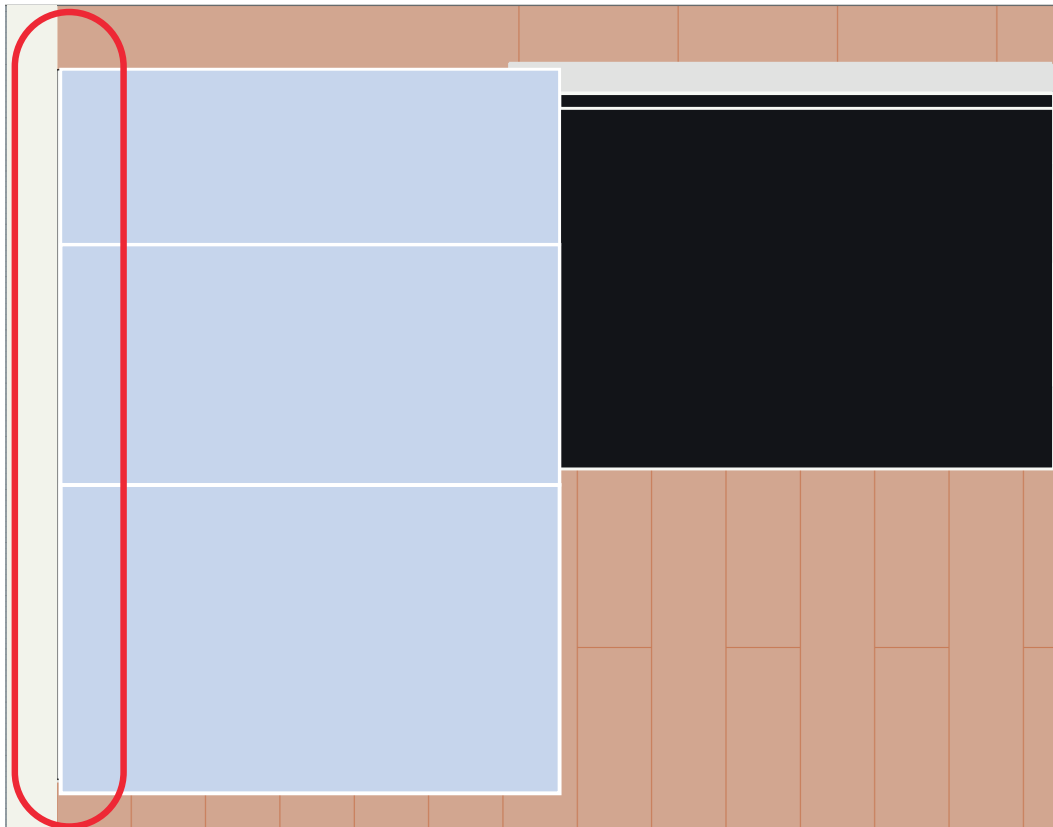
Adding the top marble pieces and gluing them to each other.
Then, sealing three sides:
one side in between the marble and the wall
two sides in between the metal structure and the marble.

1



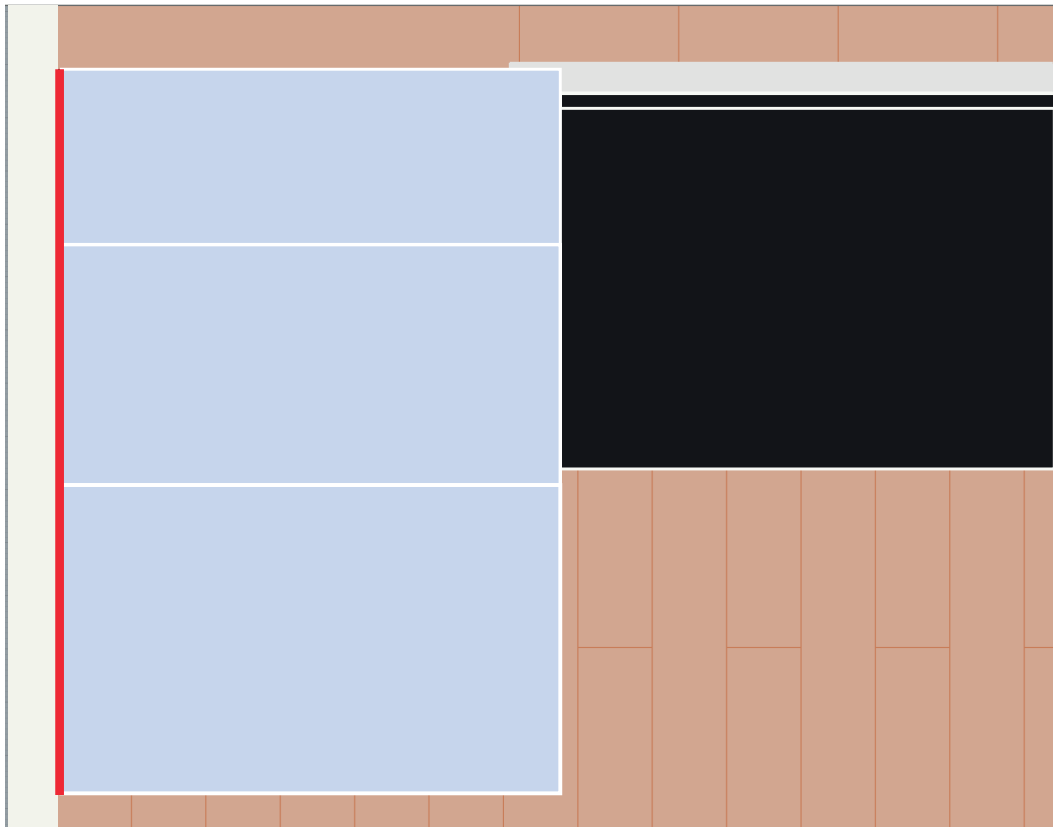
Since the wall and the metal structure that is already present in the kitchen are not parallel, placing the marble straight will create a gap between the top marble and the granite of the kitchen surface.

2

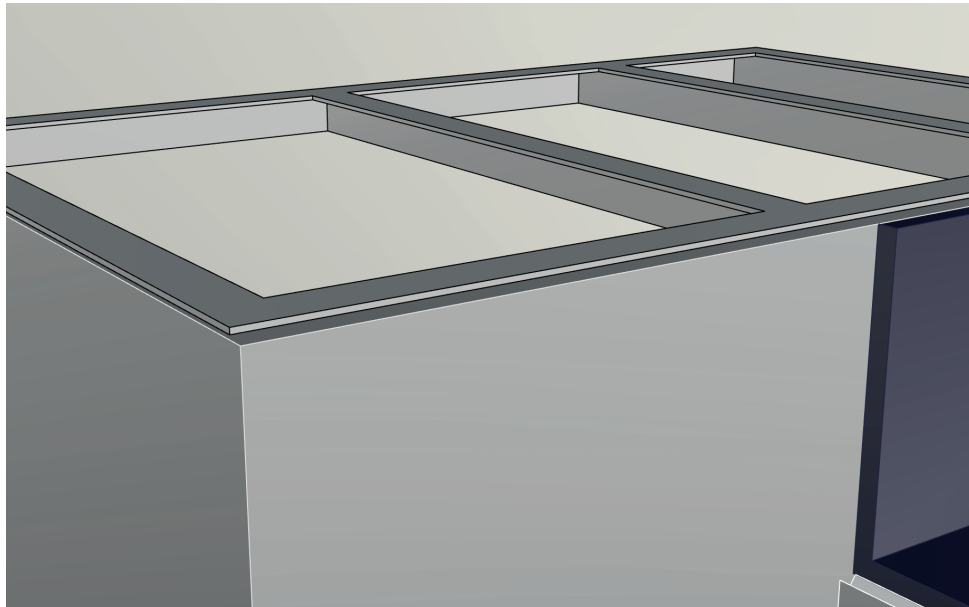


To correct that, we can place the marble straight creating a small distance from the wall.

3

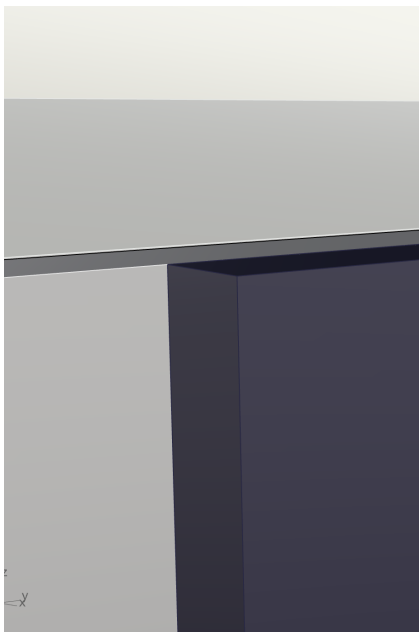
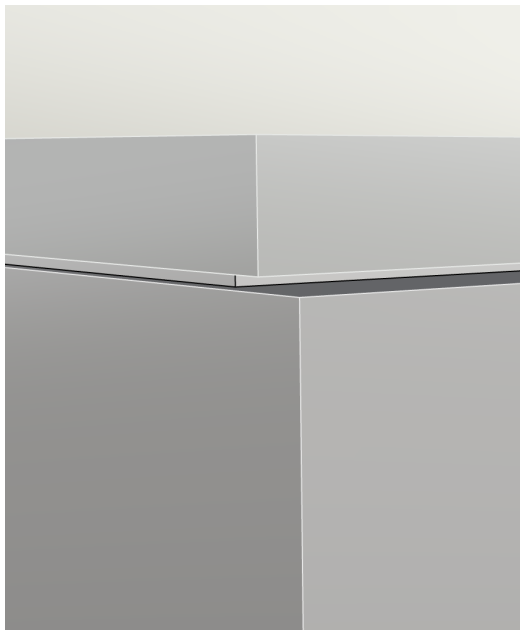


Then we can seal that with transparent silicone or white plaster.



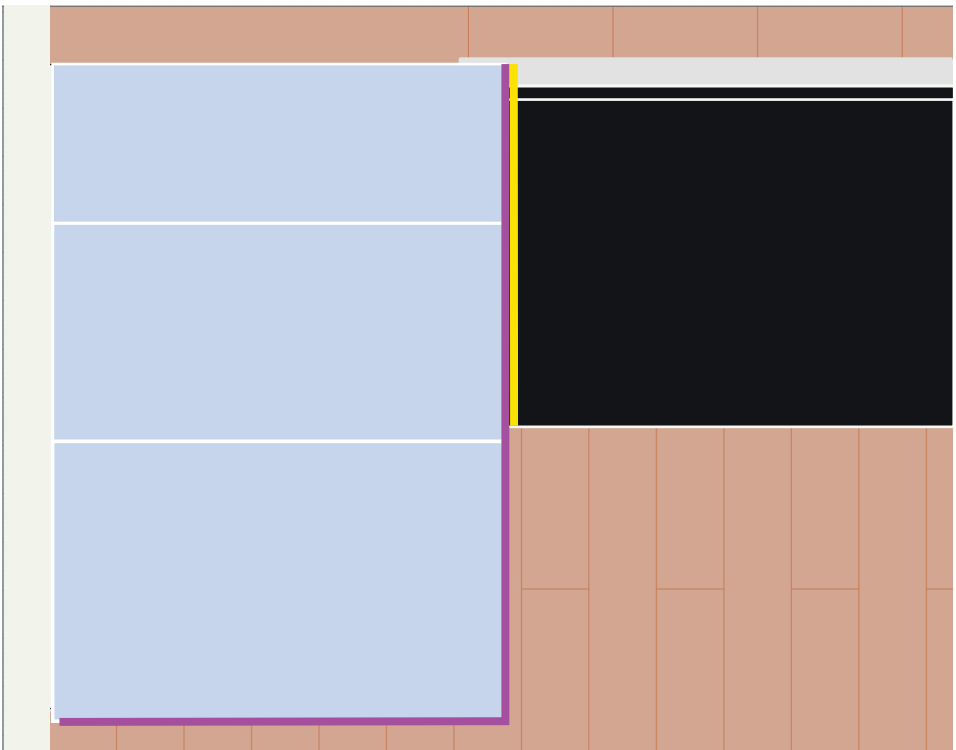
1

To guarantee more safety the structure uses the pre-existing metal structure as a support for two of its sides.

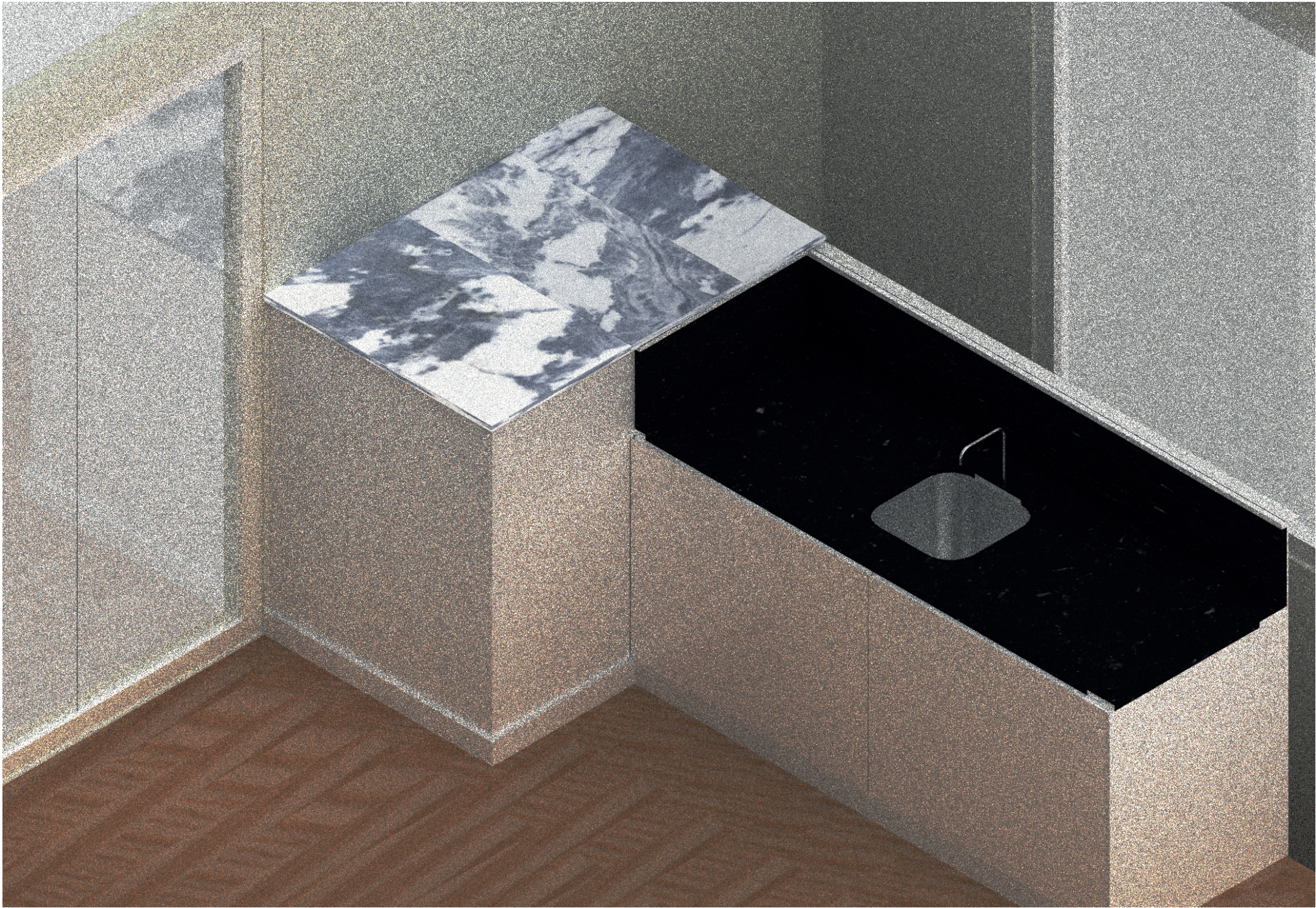


This creates a 5mm gap between the marble and the pre-existing structure. This gap will also be present between the marble and the lateral granite that faces the same side.

2



To seal this gap we can place transparent silicon along the whole surface or just inbetween the granite and the marble.



Top view - isometric



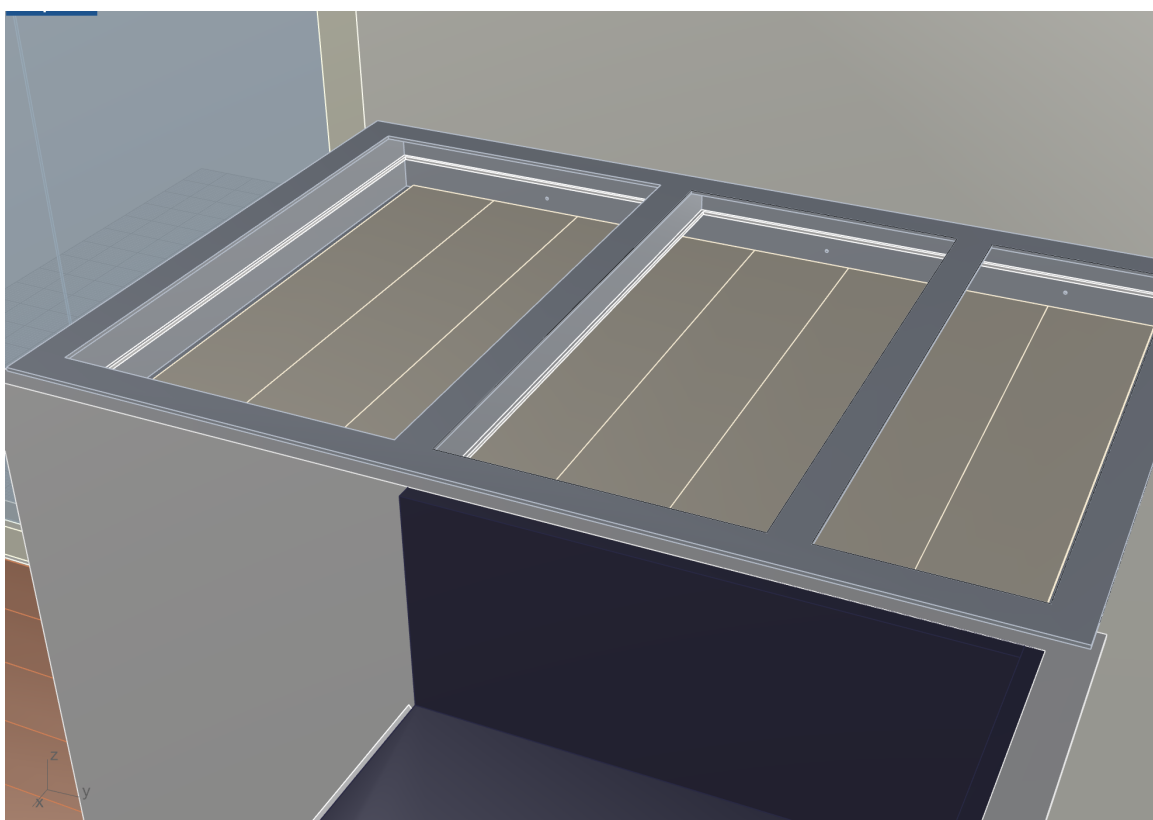
Bottom view

1



To inlight the bottom part we can use standard LED strips of 5000 lumen/meter.

2



The strips would be applied along the structure creating bridges between them and connected to a transformer.

3



This will guarantee the bottom marble is inlighted and used as a light for the stairs or as an ambient light.