

Dear Daniel,

As a continuation of our conversation from last Friday, herewith we send you the following information:

1. The current regulation of safety net networks (EN 1263-1) is designed for people falling (a sphere of 500 mm and of 100 kg is launched from 7 meters).
2. Since this regulation does not include all the possible situations that may occur in the protection of falling objects, Rombull develops solutions for falling objects in response to customer needs and contrasts these solutions with field tests.
3. Recently we have developed solutions for falling objects inside wind turbines, since when performing maintenance work there is a risk of falling of some object from the top.
4. The client asks us for the solution for a 5 kg drop from 40 meters.
5. Given the diversity of objects that were likely to fall, it was decided by the following solution.
 - Net in 3mm thickness mesh size 20 mm (its purpose is that no larger object can cross the network)
 - Net in 5mm thickness mesh size 45 mm (Its purpose is to absorb the force of impact)
 - Both nets joined by 10 mm carabineers



Installation with:

- 16 mm screws
- 6 mm steel wire (with their corresponding rope clips)
- 12 mm turnbuckle

Imagen of net installed before impact

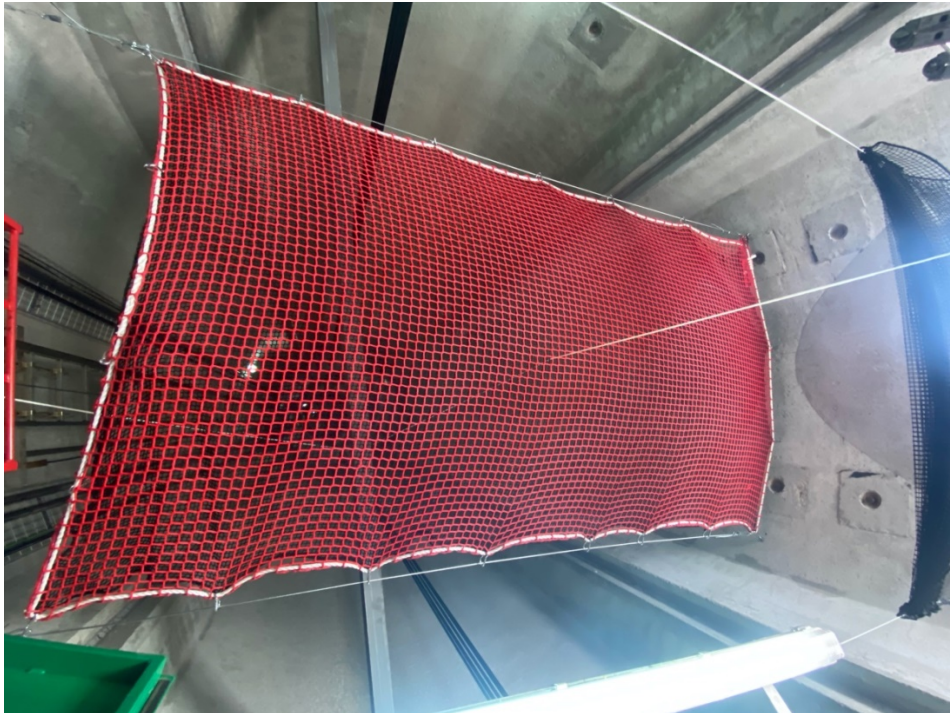
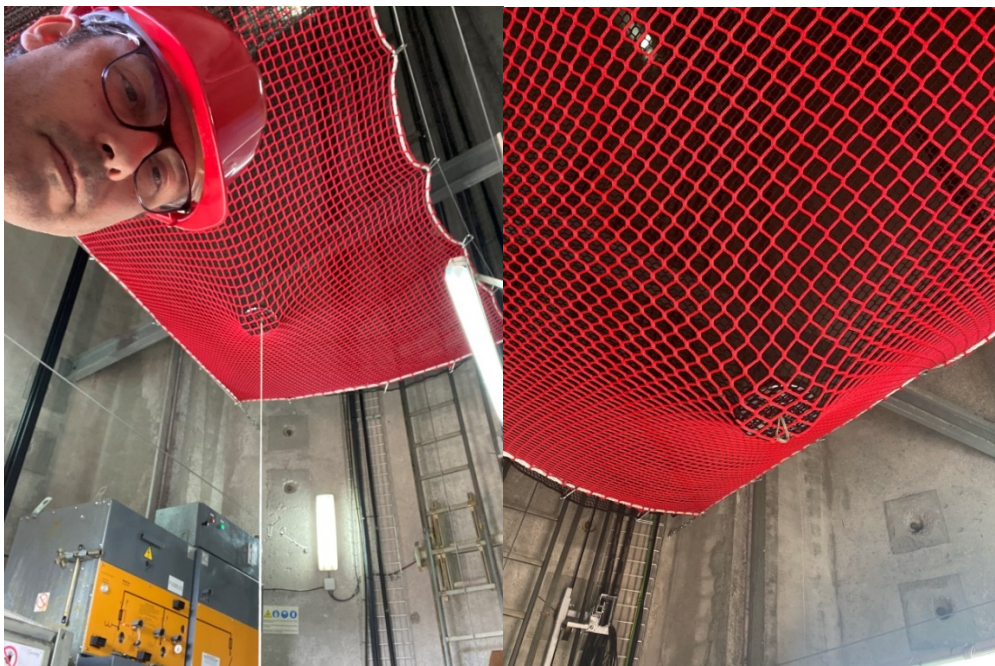


Imagen after the impact of the weight of 5 kg from 40 meters high





After the test the result has been satisfactory, since the weight has been collected by the network.