

Chapter 1: GENERAL**1.1 RELEVANT STANDARDS**

TS EN 10025 Non-alloy structural steels General technical delivery conditions
TS EN 13964 Suspended ceilings - Required properties and test methods
TS EN 485-1 Aluminum and Aluminum Alloys Tape Strip and Sheet - Part 1: Technical Conditions for Inspection and Delivery
TS EN 755-1 Aluminum and Aluminum Alloys - Extruded Wire Bar/Rods, Pipes and Profiles - Part 1: Technical Inspection and Delivery Conditions
TS EN ISO 11654 Sound Absorbers Used in Buildings - Sound Absorption Rating
TS EN 13501-1 Building Products and Building Elements, Fire Classification - Part 1: Using Data Obtained from Fire Behavior Experiments Classification

1.2 SYSTEM DESCRIPTION

300x1800 cm size, 0.60mm thick galvanized steel plate, with concealed carrier system suspended ceiling
Hidden carrier system hung on Z-section carrier profiles

CHAPTER 2: PRODUCT**2.1 PANEL**

_____m2 Nordic Premium Hook-on System Metal Suspended Ceiling Panel:

Specially produced, special size panels with 300 x 1800 mm dimensions, 0.60 mm thick galvanized steel and hook-on edge details
Diagonal perforation with 1.8mm hole diameter
Back side covered with 0.2mm Non-woven black fabric
Colour, RAL 9010 white

2.2 CARRIER SYSTEM

L-shaped main carrier on Z-shaped carrier profiles

The distance between the suspension rods L main carrier and the points where they are hung on the ceiling main carrier is max. 1200mm. The standard Z carrier measures 2x40x2 mm and is 1.5 mm thick, while the Z profile carrying angled hook-on panels is manufactured from s235jr dkp (carbon steel) sheet metal, measuring 2x40x2 mm and 2 mm thick.

The system will be fully assembleable/dismountable. Only the panels corresponding to the bottom of the beams cannot be disassembled independently of each other, but can be disassembled in triple modules.

Triangular shaped panels that coincide with the wall edges but are not attached to the wall will be hung together from the short edges.

3: ADDITIONAL FEATURES

3.1 EDGE PROFILES

- In the project, the system can be connected to the wall with C profiles on the edge or, The system can be left floating without being attached to the wall with profiles on the side.

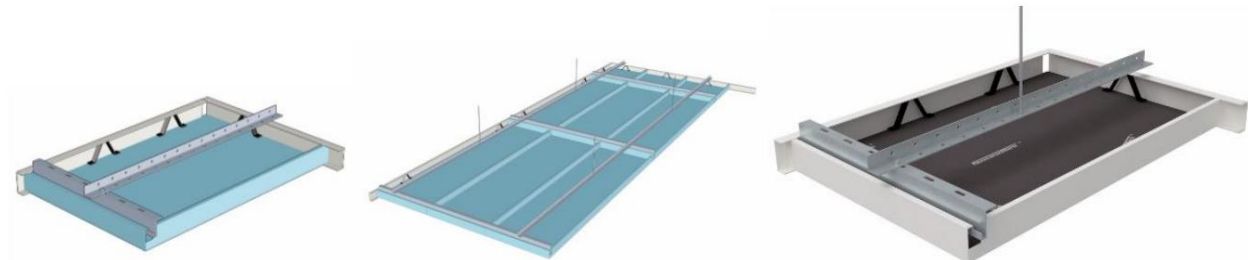
3.2 COATING / PAINT

The coating is coated with durable polyester-based electrostatic powder coating process, min. It is made with a thickness of 60 microns. (In accordance with EN TAIM ASTM standards). Color will be determined by control/ administration.

3.5 APPLICATION

- First, the hanger rods will be hung on the ceiling by means of the rod dowel added to the end and the screw and nut.
- The main carrier L profiles will be fixed to the Z carrier profile by placing them at a distance of 600 mm from the wall and each other. - Attachments will be used where the main carrier and hook-on Z carriers will be connected to each other lengthwise. - panels will be mounted with a hook-on system and can be disassembled from any location

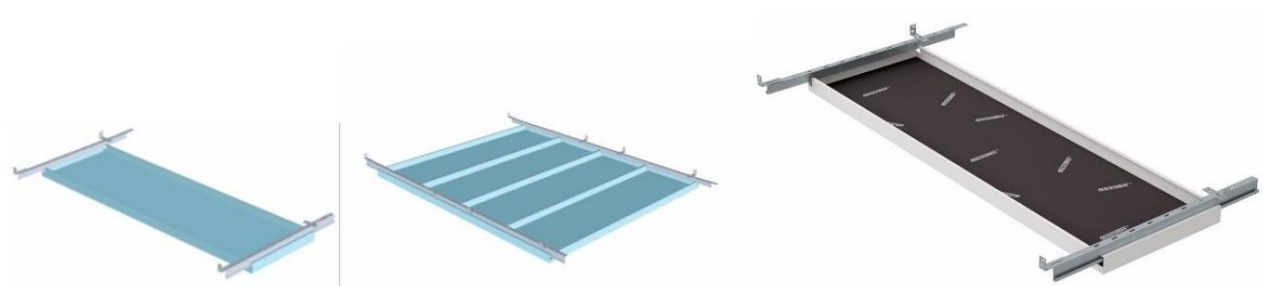
3.6 IMAGE



ISOMETRIC:



IF HOOK-ON CORRIDOR SYSTEM:



ISOMETRIC:

