

ACOUSTIC Ceiling

MS-50

Model

Patented

New



SENOR

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Introduction

A **DIFFERENT** and **PROFESSIONAL** acoustic hanger. It is a last generation rubber acoustic hanger manufactured with renovated and high performance raw materials providing important improvements in the **vibro-mechanical** field.

MS-50 is more than an acoustic hanger. It is an acoustic hanger with fast fixation to C type primary profile or **STUD**.



New

KEY Features

The **MS-50** does not require any accessories to fix the profile. With a simple gesture the profile is fixed. The **MS-50** has a **FOLD** in the basis that allows STUD to be supported in any area and position. **Our engineers** work every day for your security. *(We are the only ones who can manufacture it).*

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- * Ultra fast fixation to primary STUD.
- * Easy positioning in any profile point.
- * Ultra fast levelling.
- * Amazing response in the vibro-mechanical field in the range of medium/low frequencies (Hz).

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LOAD Capacity

In the acoustic field there is a very wide diversity of building solutions, where the distribution of the load will depend on different variables, **such as: mass m^2 , distance between the inter-axes of the ceiling profiles, arrangement of the acoustic hangers on the slab, etc.** The **MS-50** is available in **two colours** in order to differentiate the load per unit (kg): **GREEN** and **BLUE**. The **GREEN** colour will indicate the one with the lowest weight (between **8 kg** up to **30 kg** of maximum load) and the colour **BLUE**, the one with the highest load (between **27 kg** up to **50 kg** of maximum load). In this way, we can choose the most effective acoustic hanger depending on the system.

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Ref.

SE-MS-50 V

Green polymer: TC-4/GPN

Load between **8-30 kg**

Resonance Frequency **7** up to **15 Hz.**



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Ref.

SE-MS-50 A

Blue polymer: TC-5/EXN

Loads between **27-50 kg.**

Resonance Frequency **7** up to **15 Hz.**

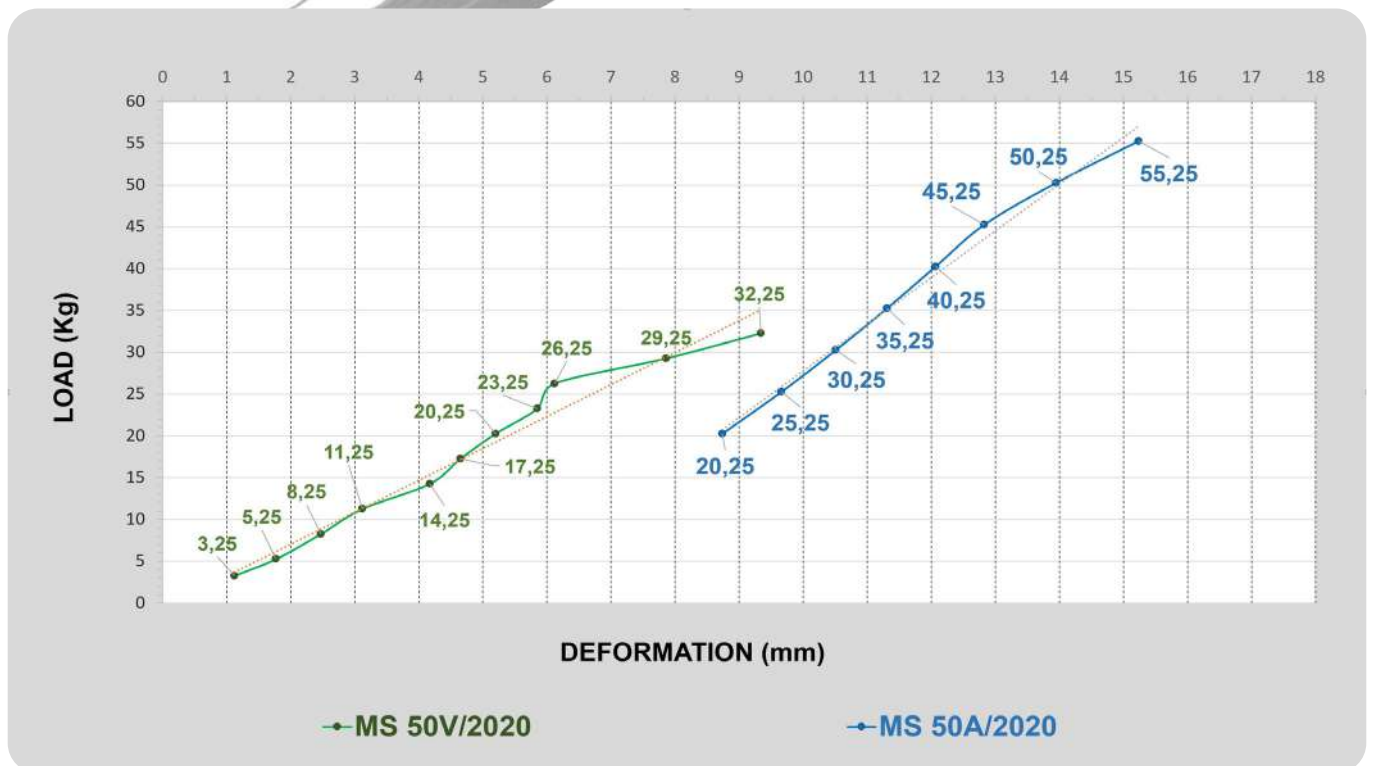
LABORATORY Test UNE-EN ISO 10846-1:2009

Acoustic and vibration. Laboratory measurement of vibro-acoustic transfer properties of elastic elements.

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PRODUCT Charts

Chart 1



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Chart 2

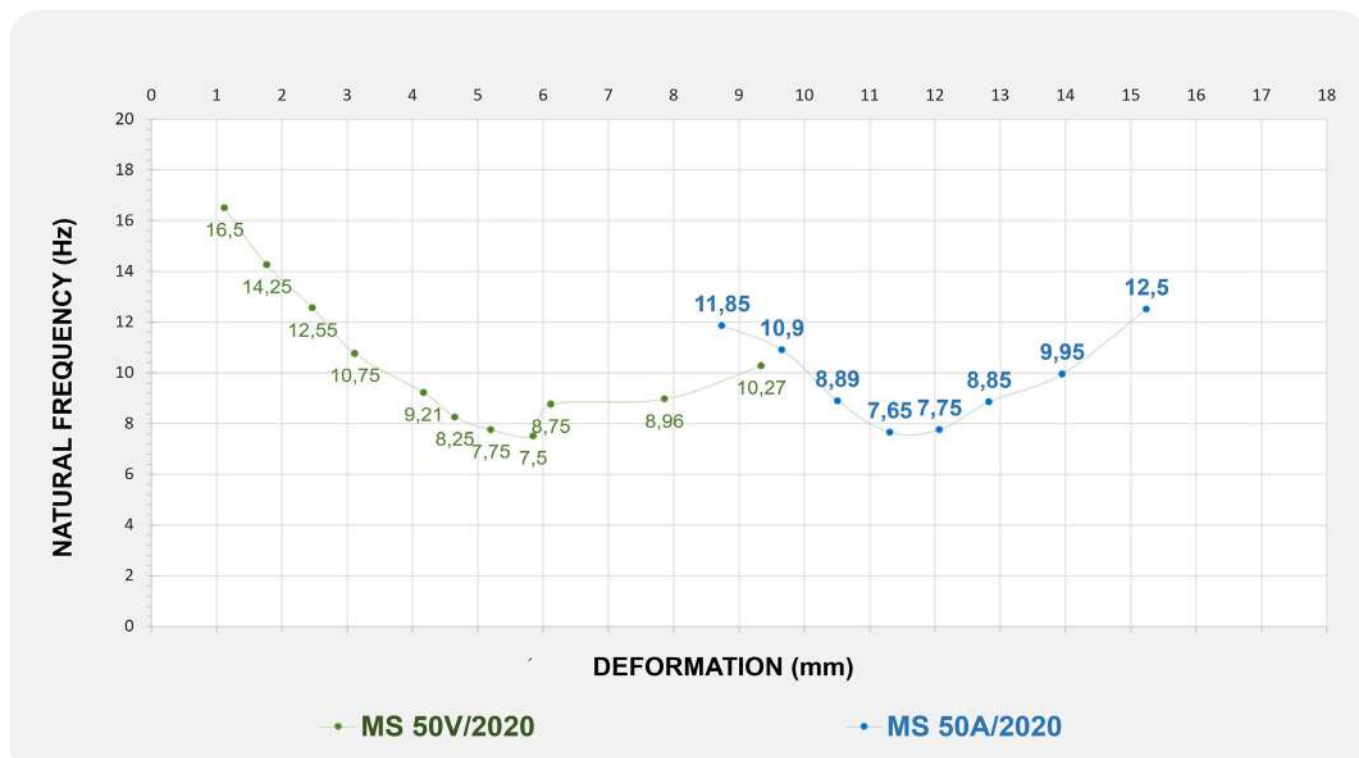
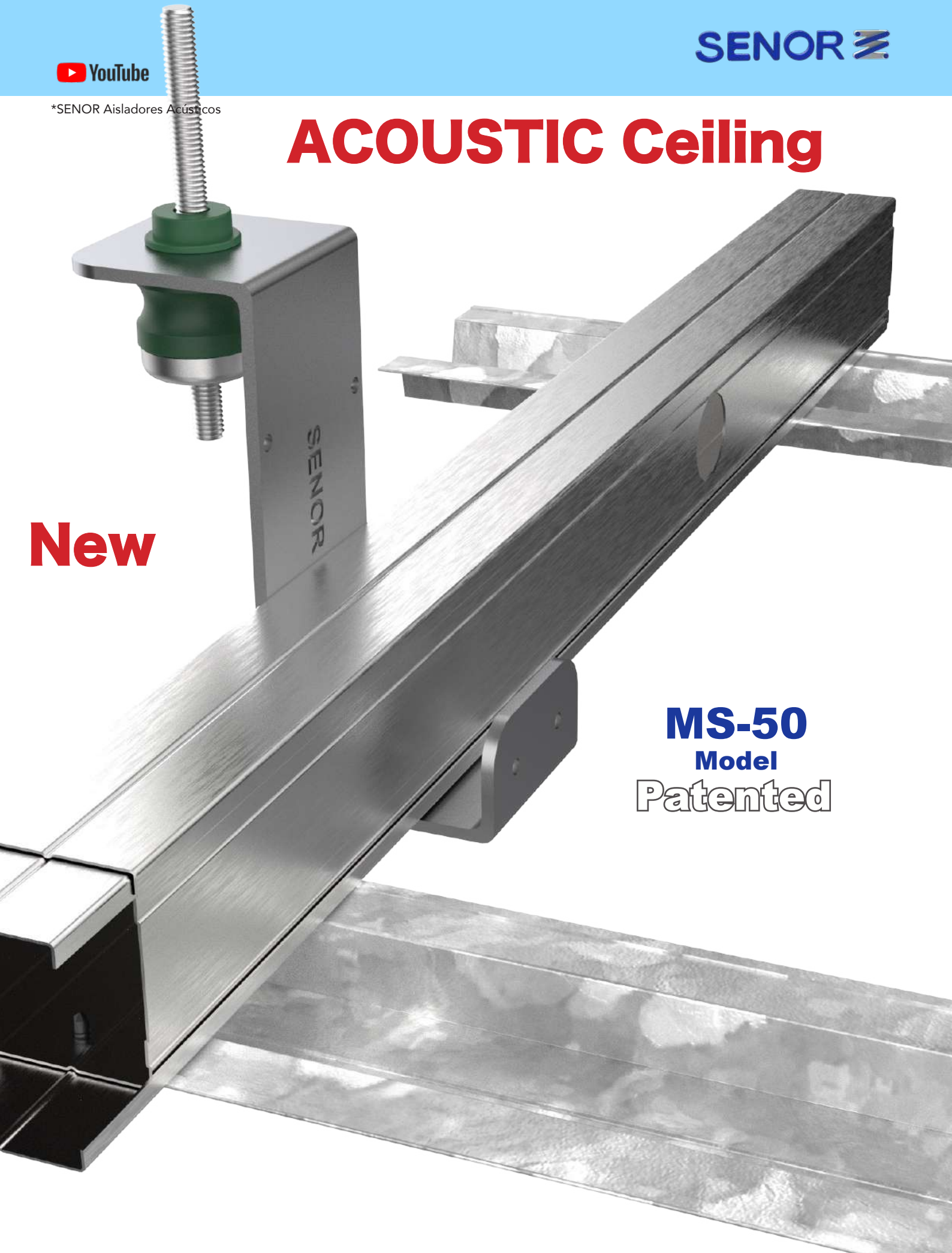


Chart 3



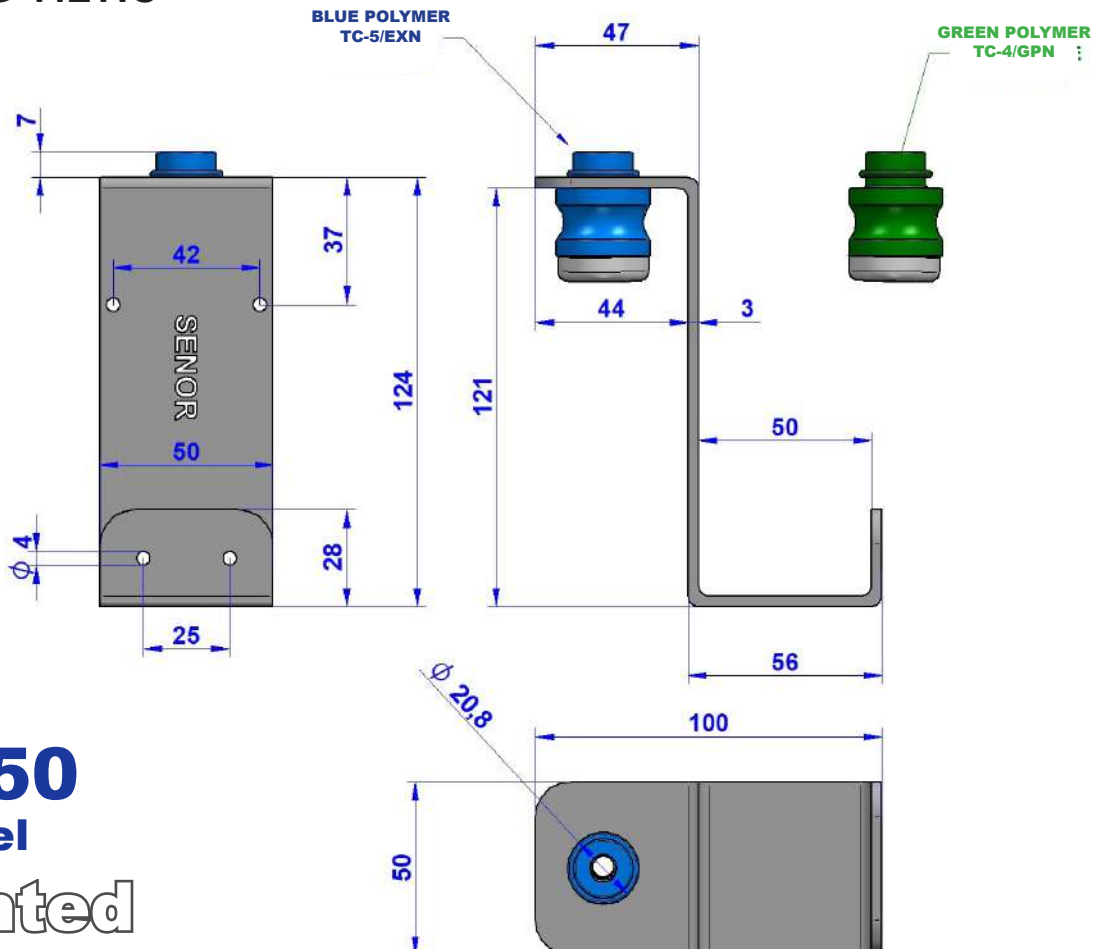
ACOUSTIC Ceiling

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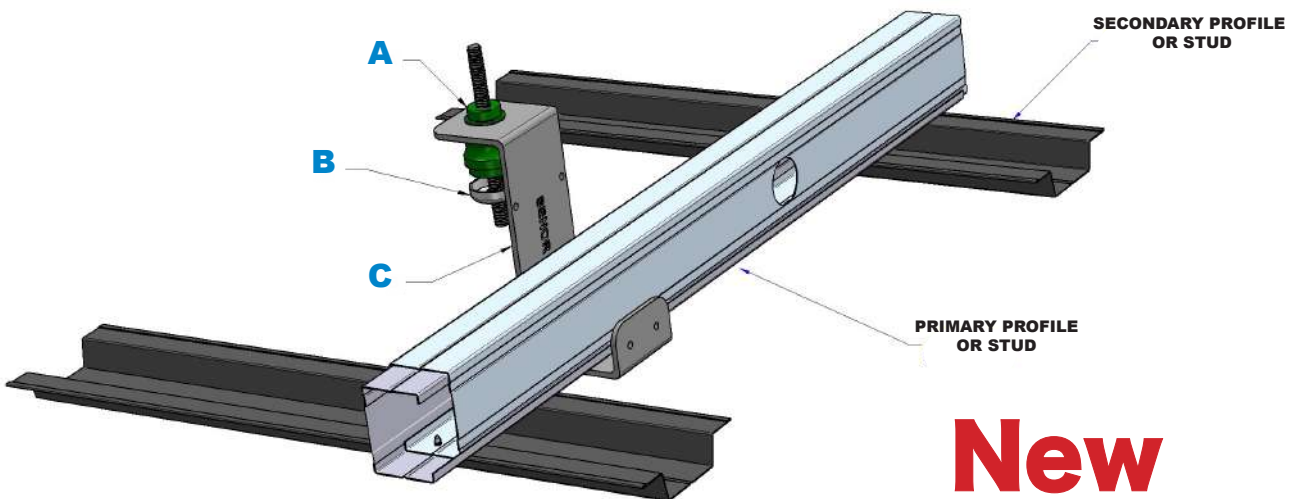


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DRAWING VIEWS



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MAIN Components

(A) **Upper polymer** with projection part that avoids the contact between the threaded bar and metal components (B). In addition, it provides a perfect installation to metallic bowl-shaped piece (C) and an optimal behaviour in the range of **medium/high frequencies (Hz)**.



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(B) External framework manufactured from high performance galvanised steel **Dx54d + Z140** with a **3 mm** thickness. It provides stiffness to the system and a fast insertion to ceiling profile **STUD**.

(C) Metallic bowl-shaped piece manufactured from high performance galvanised steel **Dx54d + Z140** with a **1.5 mm** thickness. It provides resistance to the mechanical system.

BREAKING POINT: The thread turns are broken above **250 kg**.

Certificate of COMPLIANCE



SEÑOR certifies:

All our **construction products** for suspended acoustic ceilings under slab, including **MS-50** model, have an optimal lifespan of **10 years** provided that the installation is carried out under **ordinary environmental** conditions and are not exposed to chemical components that could degrade the product. The **MS-50** model strictly complies with **UNE** (Spanish Association for Standardization) **UNE 100-153-88**: air conditioning; vibration insulators; design criteria.

SEÑOR declares under its responsibility that the following components for suspended ceiling in buildings strictly complies with the technical sections of installation mentioned in the technical documentation of the product.



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Warning

Relevant information

SEÑOR reserves the right to make changes in specifications at any time without prior notice. It is a responsibility of the user to use the latest and updated version of the product data sheets. A copy of which will be available on request. This information and, in particular, relative recommendations for the application and final use of the product, are given in good faith, based on SEÑOR knowledge and experience of its products, provided that they are correctly installed in ordinary circumstances and within its useful life.

PROJECT MANAGER: David Muñoz **SEÑOR**

DECLARACIÓN DE CONFORMIDAD

(DIRECTIVA 89/106/CEE SOBRE LOS PRODUCTOS DE CONSTRUCCIÓN)

EC DECLARATION OF CONFORMITY

(CONSTRUCTION PRODUCTS DIRECTIVE 89/106/CEE).

SUSPENSIONES ELÁSTICAS DEL NORTE, S.L. (**SEÑOR**)

P.I. El Garrotal, Parcela 10, módulo 4 y 5 / Palma del Río (CÓRDOBA) España (SPAIN)

DECLARA BAJO SU RESPONSABILIDAD QUE LOS SIGUIENTES **COMPONENTES** DE **SUBESTRUCTURA** DE **TECHO** SUSPENDIDO UTILIZADO EN INTERIORES DE EDIFICIOS:
DECLARES UNDER ITS RESPONSIBILITY THAT THE FOLLOWING SUSPENDED CEILING SUBSTRUCTURE COMPONENTS TO BE USED INSIDE BUILDINGS.

USED FOR INTERIOR APPLICATIONS:

MODELO/MODEL: **MS-50.**

MÉTRICA/METRIC: **6 y 8.**

REFERENCIAS/REFERENCES:

PERFIL/PROFILE: **MONTANTE**

SE-MS-50 V/M6

SE-MS-50 V/M8

SE-MS-50 A/M6

SE-MS-50 A/M8

CUMPLE LOS REQUISITOS DE LA NORMA:

UNE-EN 13964:2006; UNE-EN 13964:2006/

A1:2008

MEET THE REQUIREMENTS OF THE STANDARD

EN 13964:2006; EN 13964:2006/A1:2008

APLICACIONES:

PARA USO EN LA INSTALACIÓN DE FALSOS TECHOS ACÚSTICOS.

APPLICATIONS:

TO BE USED IN THE INSTALLATION OF ACOUSTIC CEILINGS

FECHA DE EMISIÓN: 02/04/2020

ISSUED ON: 02/04/2020

RE: DCE 002-ver 1

GERENTE/MANAGING DIRECTOR

Ms Carmen López Iglesias