SCHEDA TECNICA STRUTTURA TIPO
TECHNICAL CHART SUBSTRUCTURE TYPE

SNF S/L/M

L'Azienda si riserva il diritto di modificare i contenuti delle schede tecniche in qualsiasi momento senza alcun preavviso.

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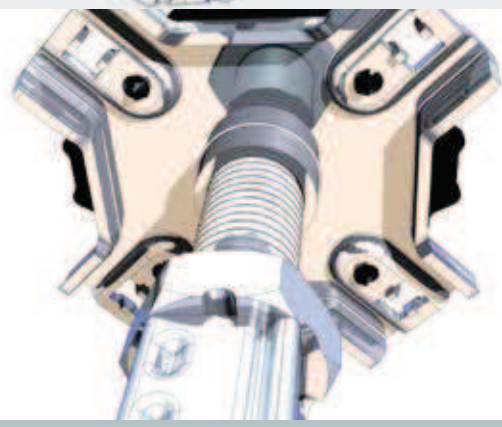

Struttura di sostegno completamente in acciaio costituita dai seguenti elementi:		
1	**Piedino**	**Testa**: in acciaio zincato stampato a freddo, Ø 90x2,6 mm, a 4 razze per accogliere i traversi tramite aggancio a scatto (snap-on)
		Tubo: a sezione quadra in acciaio altoresistenziale prezincato a caldo, 18,5x18,5x1,2 mm, di altezze diverse e munito di dado di regolazione posto sulla barra filettata. Oltre i 298 mm di lunghezza si utilizza il tubo Ø 20x2 mm
		Base: in acciaio zincato, dim. 90x90 mm con 4 fori Ø 8,5 mm, per eventuale fissaggio meccanico a terra e con nervature per adattarsi ai fondi non perfettamente regolari
2	**Traverso**	vedi elenco a lato
3	**Guarnizione**	in materiale termoplastico antirombo e antiurto di spessore da 1 a 2,5 mm
4	**Dimensioni modulo**	nominale 60x60 cm
Steel substructure composed by:		
1	***Pedestal***	***Head**: in galvanized steel, with 4 spokes arranged to seat the stringers, included 4 holes drilles on the tabs for fastening the stringers (snap-on)*
		***Tube**: square pipe in high strength hot-dip galvanized steel, 18,5x18,5x1,2 mm, with different heights and with notches on the adjustment nut on the tie-rod. For lengths over 298 mm, pipe dia. 20x2 mm is used*
		***Base plate**: in galvanized steel, dim. 90x90 mm with 4 holes Ø 8,5 mm for mechanical anchoring to the floor if required and with central flaring for adapting to not perfectly regular floor surfaces*
2	***Stringer***	*see the list at side*
3	***Gasket***	*thermoplastic material for an optimal stamping noise attenuation, from 1 to 2,5 mm thk.*
4	***Grid dimensions***	*nominal 60x60 cm*

Dati tecnici
Technical Data

SNF

Altezza nominale piedino Nominal *Pedestal height*	Campo di regolazione *Regulation range*	Peso medio modulo 600x600 mm *Average weight with 600x600 mm grid*			Carico assiale massimo *Maximum axial load EN 12825*
mm	mm	kg/m²			kN
		S	L	M	
57	45/70	0,95	2,34	3,09	50
92	75/100	1,20	2,59	3,34	48
215	180/250	1,66	3,05	3,80	47
247	200/295	1,75	3,14	3,89	43,50
315	280/350	1,98	3,37	4,12	40
965	905/1.055	4,39	5,78	6,53	10

LEGENDA TRAVERSI
STRINGER KEY

S =	senza traversi	*stringerless*	-
L =	traverso leggero	*light stringer*	15/18 mm
M =	traverso medio	*medium stringer*	30 mm

Newfloor
STEP IT UP

La presente scheda tecnica annulla e sostituisce tutte le precedenti.
This technical chart supersedes all previous issues.

UNDER-STRUCTURE

FOR INTERNAL APPLICATIONS

Newfloor provides a wide range of metal under-structures, comprising of steel adjustable pedestal supports and lateral stringers with anti-vibration gaskets to suit.

SNF

SNF is the structure most frequently used for laying raised flooring designed appositely for Newfloor. The all-steel components are galvanised using the Sendzimir process. Hot Dip treatment eliminates the possibility of zinc whiskers occurring. Zinc Whiskers are a major concern within computer and control room environments and their contamination can result in catastrophic breakdowns in computer equipment and other sensitive electronic components. This new innovation excludes the use of hexavalent chrome, which is a major contributor to environmental pollution and can pose severe health risks.

It offers a various heights ranging from 35 to 1.025 mm. The cold-pressed 2.6 mm thick head with 4 radials to house the stringers, guarantees a snap-on effect, preventing their axial rotation movement and therefore avoiding the production of annoying creaking noises when the system is subjected to loads. The use of screws is not necessary. The head is completed using an M16 screw and its relative nut in order to allow micrometric range. The squared tube of the base, used for nominal heights from 100 to 380 mm, is obtained using a pre-galvanised metal sheet that is folded and crimped all along its length. For nominal heights from 42 to 92 mm and from 415 to 965 mm, the tube of the base has a circular section. There are three types of stringers: L, light of height 15/18 mm open section; M, medium of height 30 mm open section; H, heavy, closed section of dim. 25x25 mm. The structure is completed with plastic gaskets placed in contact with the panel that have a sound-proofing and shock-proofing function.

SDFE EXTRA

It consists of special columns with a square tube cross-section designed to accommodate galvanised tubular stringers of 25x50 mm closed rectangular section, passing over the head of the column and fastened to it with threaded screws with adjustments range from 70 to 1.000 mm.

SOFT-LAY, THE SOUNDPROOF ELEMENT UNDER THE STRUCTURE

Soft-lay is the ideal solution for guaranteeing the minimum acoustic impact of a raised floor, while maintaining its technical characteristics.

Raised flooring rests on a steel structure that can experience small movements, when subject to dynamic (radial) loads. These are mainly transmitted at the pedestal base of the metal structure used for raising: the contact between the steel it is made of and the slab on which it is resting can cause noises and creaking, which can be perceived in the surrounding environments, as well as in those underneath.

In order to address this issue and to make the raised floor compliant with the law in terms of "Passive acoustic requirements in buildings", Newfloor has introduced Soft-lay, an element made of a polymer with a particular structure. When it is placed between the base of the steel structure and the supporting surface, normally consisting of a concrete slab, it serves as an actual sound-proofing cushion, 'interrupting' the frequency of the sound and therefore the transmission of noise between storeys, and making the use of a raised floor extremely comfortable.