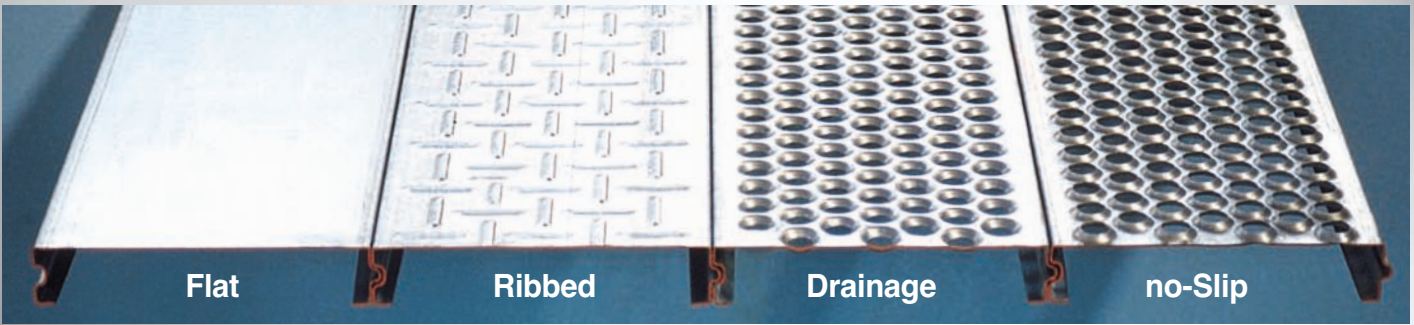


DOGA LOCATI SAFETY GRATINGS: CAPACITY LOAD TABLES.



Calculation notes: since the sections have been made from thin steel plates the data are calculated, not only according to the CNR-UNI standards in force, but also in compliance with the stricter practical and theoretical standards established by the American Iron and Steel Institute (AISI). Periodic tests are carried out at our factory to guarantee the quality of the steel sections.



Tables of maximum acceptable capacity loads q (kg/sqm) for continual sections placed on two equidistant supports with uniformly distributed static loads - Capacity load values q for four panels side by side.

FLAT / RIBBED

		Net light between supports L (cm)												
L (cm)		80	90	100	110	120	130	140	150	160	170	180	190	200
q (Kg/mq)		2950	2300	1900	1550	1300	1100	950	840	740	660	585	(525)	(475)

DRAINAGE / NO-SLIP

		Net light between supports L (cm)												
L (cm)		80	90	100	110	120	130	140	150	160	170	180	190	200
q (Kg/mq)		2600	2100	1680	1400	1170	990	860	750	660	590	520	465	(420)



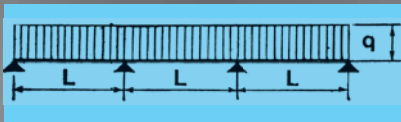
Tables of maximum acceptable capacity loads q (kg/sqm) for continual sections placed on three equidistant supports with uniformly distributed static loads - Capacity load values q for four panels side by side.

FLAT / RIBBED

L (cm)		80	90	100	110	120	130	140	150	160	170	180	190	200
q (Kg/mq)		1600	1250	1025	850	710	605	525	455	400	355	315	285	255

DRAINAGE / NO-SLIP

L (cm)		80	90	100	110	120	130	140	150	160	170	180	190	200
q (Kg/mq)		1370	1080	875	725	610	520	445	390	340	300	270	240	220



Tables of maximum acceptable capacity loads q (kg/sqm) for continual sections placed on four equidistant supports with uniformly distributed static loads - Capacity load values q for four panels side by side.

FLAT / RIBBED

L (cm)		80	90	100	110	120	130	140	150	160	170	180	190	200
q (Kg/mq)		1950	1580	1280	1050	900	760	660	570	500	455	395	355	320

DRAINAGE / NO-SLIP

L (cm)		80	90	100	110	120	130	140	150	160	170	180	190	200
q (Kg/mq)		1700	1350	1090	900	755	645	555	485	425	376	335	300	260

Note: in brackets q values (Kg/mq) that generate elastic arrows $f \geq 1/250$ on net light between supports. For walking surfaces do not accept q values < 400 kg/smq (orange cells).

Technical data are indicative. The Company reserves the right to make any variations that may improve the product. Reproduction is forbidden by law.