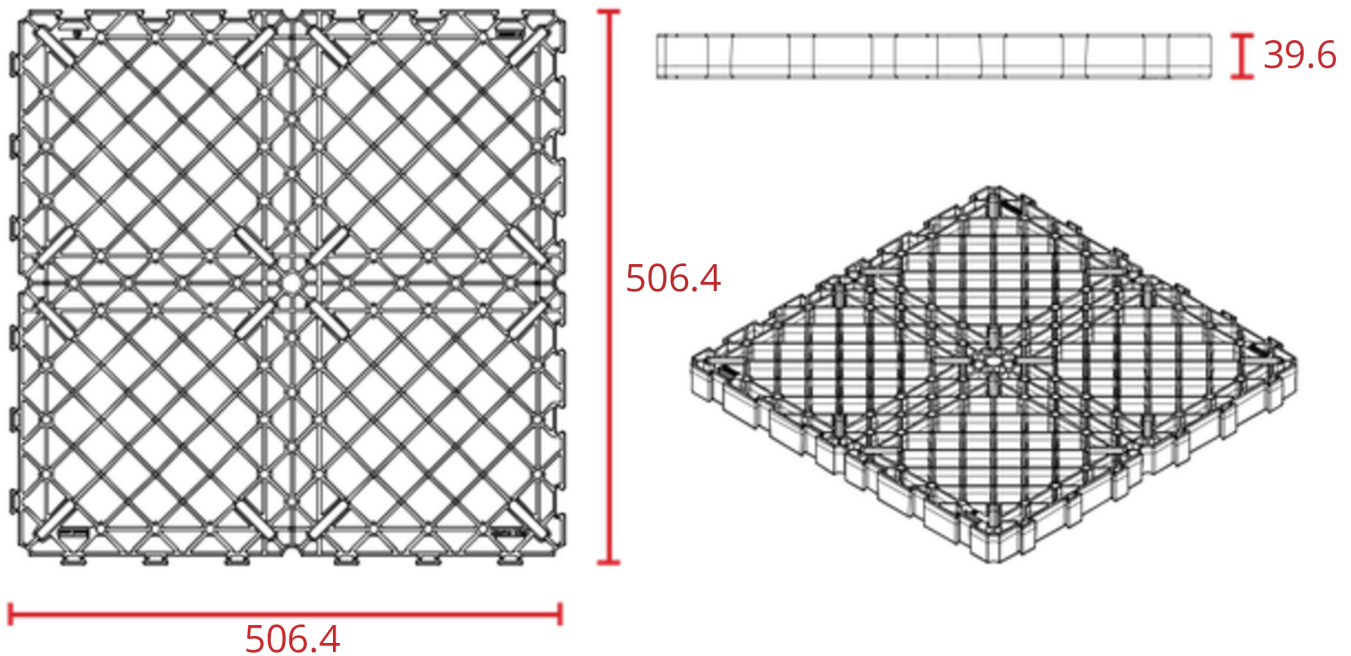


DESIGNER DECK: SAFETY GRID



TECHNICAL SPECIFICATION

The safety grid is made up of a panel measuring 50 x 50 cm and 4 cm high, produced with black thermoplastic polymer. The purpose of this panel is to create a sub-floor on which various types of flooring can be directly laid, such as Porsets 2&3 including deck tiles. The grids are placed side by side and linked to each other by means of the “dovetail” joints arranged along the entire perimeter, thus forming a continuous and robust surface. The system is completed with the coupling of height-adjustable supports (PRIME®, SE, NM, SB) whose head rests on the intrados of the panels in the special slots provided in the corners, in the center of the panel and along the edges side. If you want to obtain a more robust substructure, we recommend adding a support in the center of the grid and along the four side edges.

The safety grid must be applied outdoors. In the case of laying with Porsets 2&3 or deck tiles, we recommend using the following accessories:

RAW MATERIAL:
Polypropylene

ENVIRONMENTAL IMPACT:
recyclable material - not dangerous

GENERAL CHARACTERISTICS & PROPERTIES

	UNIT	VALUE			TOLERANCE
BODY WIDTH	cm	50.6			+/- 0.5
BODY HEIGHT	cm	4			+/- 0.2
BEARING SURFACE	cmq	2500			+/- 2
WEIGHT	Kg	2.9			+/- 0.05
SHORE	Shore d	70			+/- 3
MAXIMUM FLEXION*	%	1			\
LOW T(°C) REACTION	°C	-40			\
FLEXION TEST	mm	1	3	6	\
CENTRAL LOAD	KN	0,35	1,35	3,16	\
LATERAL LOAD	KN	0,40	1,33	3,21	\
LATERAL LOAD + CENTRAL SUPPORTS**	KN	0,95	5,97	19,50	\

To reduce the degree of flexion it is recommended to add a support in the center of the grid.
*Tests made by Civil and Environmental Department of University of Padova. 1 kN = 102 kg

ITEMS CHARACTERISTICS & PROPERTIES

<i>COD.</i>	<i>DESCRIPTION</i>	<i>MEASURE</i>	<i>PCS. PER BOX</i>
DESIGNER DECK SAFETY GRID	SAFETY GRID	50.6cm X 50.6cm X 4cm	200

INSTALLATION INSTRUCTIONS:

1. Place the supports on the laying surface and adjust them to the desired height;
2. Place the grid panels onto the supports in correspondence with the special slots provided and bring the panels closer to each other through the “dovetail” couplings;
3. Check that the continuous surface obtained is perfectly flat, use the adjustment key if needed;
4. Lay the flooring elements (porcelain stoneware, marble, stone, etc.) taking care to position the MINI DM spacer with no aglet to create the “joint” and then align all the elements. The LGH leveler, 1 or 2 mm thick, has the function of levelling particular situations. The cross spacers 15 mm high can be used as an alternative to the MINI DM spacer. It has the function of creating the “joint” and aligning the flooring elements as well. Along the perimeter edges, use the special stainless steel or PP perimeter spacer.

