

# Universal sole board for any types of grounds

Made in France in recycled and recyclable plastic Resists Fracture, dampness and rot-proof

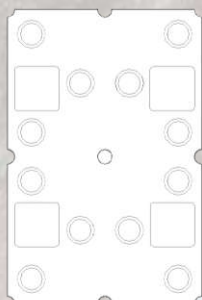


Base plate automatically positioned in the center of the sole board  
Possibility of "camarteau" assembling.  
Easy to clean  
Recycled and recyclable materials  
Reusable and customizable with colors and brand logo

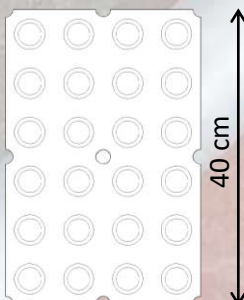


Side view

26,5 cm



Top view



Underside view

40 cm

Do not damage floors and painting  
They improve the safety of the workers  
Usable on everything types of grounds  
Size = 40 cm x 26,5 cm x 4,5 cm  
Weight = 6.2 kg  
Color : red  
Working Load Limit on hard ground = 10 tons  
Working Load Limit on hard ground  $2 \text{ Dan/cm}^2 = 2,1 \text{ tons}$   
Working Load Limit between 2 supports = 2,1 tons  
Safety factor = 1,5  
Maximum number of sole boards piled up = 5  
Acceptable pressure with  $20^\circ \text{ C} = 35 \text{ Dan/cm}^2$

The sole boards can stand high-pressure cleaners up to 200 bars at  $80^\circ \text{ C}$

- ☒ Recycled plastic
- ☒ Reusable sole board
- ☒ Holds the adjustable base in the middle of the sole board
- ☒ Clean easily
- ☒ Protects the ground

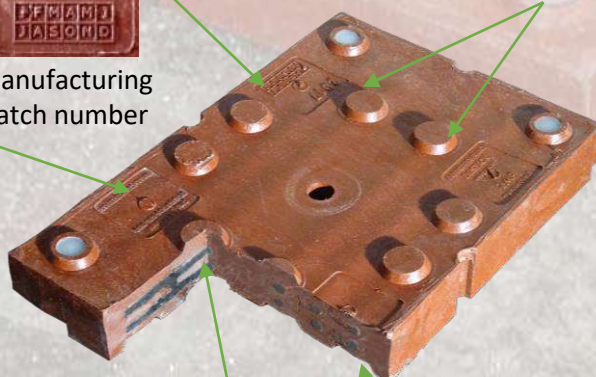


Working Load Limit



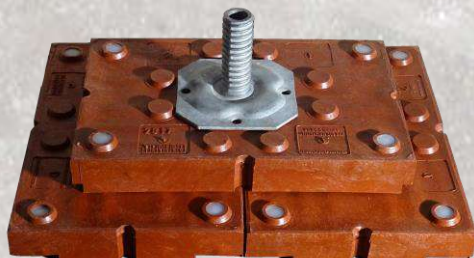
Manufacturing batch number

Socket for adjustable base plate



Steel structure for skeleton of the sole board

Socket suitable for raking up



"camarteau" assembling

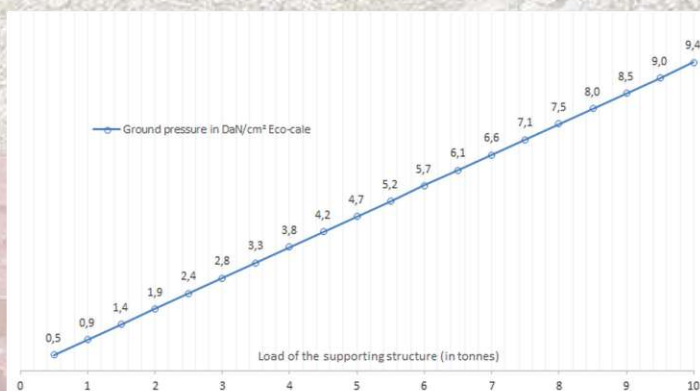
## sole board users abacus

For optimal use of a sole board, it is necessary to determine the bearing capacity of the ground (daN/cm<sup>2</sup>), the homogeneity of the ground, and ground density using a dynamic penetrometer test or a plate.



Identify the loads made up of the weight of the scaffolding (given by the manufacturer) added to the operating load dependent on the class of scaffolding (1 to 6 according to a NF 12811-1 auguste 2004).

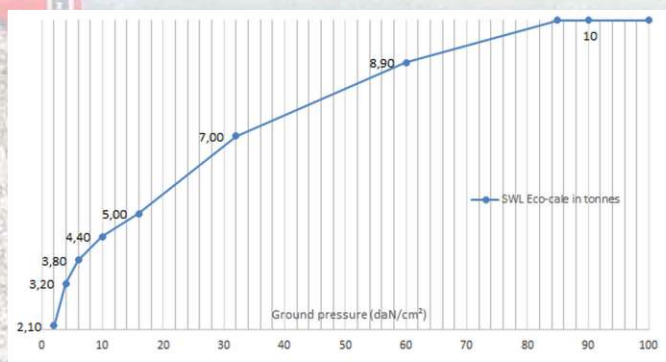
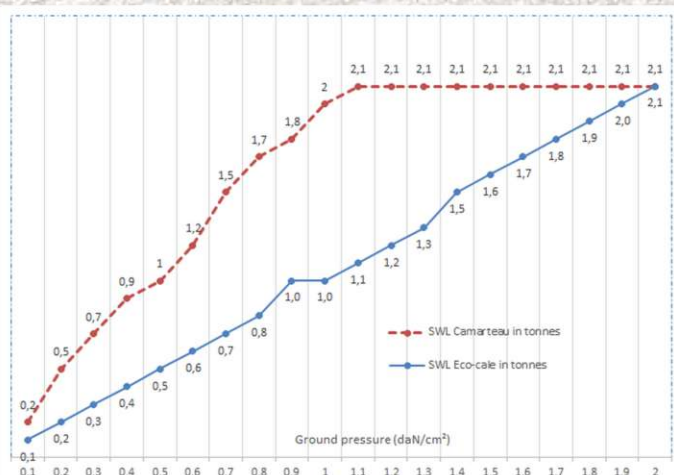
**Pressure on the ground in daN / cm<sup>2</sup> depending on the load of the supporting structure (in tonnes)**  
**= load / area of the sole board**



**Maximum Working load (SWL) of the sole board (in tonnes) according to the resistance of the floor in daN/cm<sup>2</sup>**

Floor with a resistance less than 2 daN/cm<sup>2</sup>

Floor with a resistance greater than 2 daN/cm<sup>2</sup>



## Manufacturing process

The Ekistack company set up a partnership with a specialized company in the transformation of plastics into end products.

The sole board are manufactured with mixed plastics resulting from recycled waste.

So Ekistack respects and protects the environment.

