

## USE AND MAINTENANCE

Reference	Type	Description
5448	SHOPPING	SHOPPING plate in chequered metal sheet 3+2, splitted in 2 side, c/w edge and central bars 50x2, hot-dip galvanized, with frame in pre-galvanized Z200 metal sheet th. 15/10, pedestrians loading class.

## INSTALLATION



#### **INSTRUCTION:**

Installation must be carried out by expert personnel equipped with suitable equipment for lifting heavy loads.

If the plate cover weighs 30 kg or less, it can be moved by hand, though the assistance of two operators is recommended.

- 1 - Make sure that the installation surface is intact and capable of withstanding the load to be applied on it.
- 2 - Make sure that there is enough space to the sides of the sump unit for casting the concrete.
- 3 - Remove the plate cover and install the frame first,
- 4 - Allow enough time for the concrete material to set (follow the manufacturer's instructions), then put the cover back in place.
- 5 - If necessary, complete the work by adding a slab to reach the final level.

#### **ADVICE:**

To fill the sides, use the following type of concrete:

C25/30 XF2

C28/35 XF4 in case of temperatures  $\leq 0^{\circ}\text{C}$

- Always keep the finished paving 1 cm above the plate, or 2 cm in the case of asphalt paving.
- Cut wooden slats to fit the inner dimensions of the frame and insert them across the latter to prevent it from deforming while the concrete sets.
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- In case of galvanised steel plates laid on ceramic paving, using fillers and adhesives with  $6 < \text{pH} < 11$ ; metal surfaces should be protected in advance with silicone spray.

#### **WARNINGS**

- Strictly observe all the manufacturer's instructions described in this document.
- Do not use the product in ways other than those for which it was intended.
- Do not in any way tamper with the product or any other component.
- Make sure that the product has no structural defects; if it does, immediately notify the supplier.
- Make sure that the type of item matches that requested by the designer.
- Make sure that parts designed to be buried in cement are free of residues of oil, grease, glue, etc.

#### **GALVANISED STEEL PLATES**

- It is important to verify the characteristics of the adhesives used for paving, in particular that their pH value falls between 6 and 11.
- Use quick-setting adhesives, or adhesives that dry fully within 7 days.
- Be careful not to damage the surface treatment of the steel product or any of its components.
- Do not use aggressive cleaning products, in particular check that their pH value falls between 6 and 11.

#### **MAINTENANCE**

MAINTENANCE SHOULD BE CARRIED OUT AT LEAST ONCE A YEAR

- 1 - Remove the cover.
- 2 - Clean the inside of the frame by removing any debris, leaves, stones, gravel, etc.
- 3 - Put the cover back on.

#### **DISPOSAL**

Regarding disposal, consult the applicable regulations for recovering any materials compatibly with the environment, and observe all local regulations.

Moreover, we recommend contacting a specialised waste disposal company.