

USE AND MAINTENANCE

Reference	Type	Description
4505L0	THIN Base Channel	Galvanized steel brickslot cover mod. THIN H40, th. 20/10, with 15 mm side slot, height 40+20 mm, for channel MOD. BASE 100 and BASE 100 LOW.

INSTALLATION

INSTRUCTION:

Installation must be carried out by skilled staff equipped with suitable means for lifting heavy loads.

The UNI EN 1433:2008 standard states that the resistance to loads of the channel depends on the product, the covering and correct installation, therefore the following operations must be carried out with extreme care.

- 1 - Open an excavation of a suitable size for the bedding of the chosen channel.
- 2 - Pour a concrete foundation of the appropriate thickness and slope, then lay the channels.
- 3 - The channels are laid and connected one after the other using the appropriate tongue and groove, checking their alignment and dimensions.
- 4 - Refill the channels with concrete.

ADVICE:

Use concrete type:

C25/30 XF2

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

- Install the channels always starting from the discharge point (sump).
- The channels are equipped with a tongue-and-groove joint where the sealant must be applied.
- We recommend the use of silicone sealant with neutral cross-linking, which guarantees perfect adhesion and permanent elasticity.
- To drill the channels, use a drill bit size 8-10, mark the circumference of the hole to be made and then trim with the chisel.
- Insert the covers into their seats before backfilling the channel and, to keep them clean during laying, simply protect them with a PVC film.
- Now backfill the channel and cover as shown in the figure.
- Always keep the finished flooring 3-5 mm higher than the channel.

WARNINGS

- Strictly follow all manufacturer's instructions as described in this document.
- Do not use the product for purposes other than those intended.
- Do not tamper with the product or its components in any way.

- Ensure that the product does not have any structural defects and, if it does, inform the supplier immediately.
- Ensure that the type of article corresponds to that required by the designer.
- Allow the concrete used to cure according to the manufacturer's specifications before applying any load.

GALVANISED STEEL PROFILES AND/OR COVERS

- It is important to check the characteristics of the adhesives used for the flooring, in particular check that the PH falls within the following values $6 < PH < 11$, if this is not the case it is advisable to preventively protect the metal surfaces with silicone spray.
- Use quick-setting adhesives or, in any case, adhesives with a total drying time of no more than 7 days.
- Take care 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 the PH is within the following values $6 < PH < 11$.

IMPORTANT

- Salt that is used on roads to prevent the formation of ice damages the galvanic coating!

MAINTENANCE

- Check periodically (at least every 6 months) that the slot is not obstructed by debris, mud and foliage. In case of obstruction, remove the debris by hand or with the help of a common tool. If the channel is obstructed by sand or mud, it will be necessary to close the slot along its entire length and work inside the slot using a water pressure probe.
- NOTE: It is advisable to use sandbags to close the gap.

DISPOSAL

For disposal, refer to the regulations in force for the possible recovery of materials in an environmentally friendly manner, following the regulations of the municipality concerned.
We also recommend that you contact a specialised company.