Technical Sheet



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Corrugated Sheet Metal and Plaster Holding Mesh

The counter-frame pocket is made from modular corrugated galvanized steel panels that interlink to allow absorption of any thermal expansion.

Our plasterable frames also feature panels with plaster holding galvanized steel mesh with Ø2 pitch 25x62 wire, mounted with stainless steel spikes without welding spots to avoid rust.

The vertical corrugation of the panels and the plaster holding steel mesh make the pocket rigid and offer great support for the plaster, preventing any detachment over time.



Rear Vertical Lid

In our version for plaster, the pocket features a rear stainless steel C-shaped full height lid with two lateral flaps that facilitates the application of plaster creating a full height seamless joint between the frame and the masonry.

This is a unique feature by SIPARIO, the only system that allows for a more extensive clamping of the pocket without clamps.



Base

Made of galvanized stainless steel, it features pre-moulded lateral flaps that, as they are sunk in the concrete screed or fixed to the floor surface with screws, allow for the counter-frame to be anchored to the ground.



Header

A robust component made by an aluminium guide, two plywood elements and two lateral profiles that set the wall flush. Several holes allow to screw the header to the pocket and to the vertical upright.



Rabbeted Wooden Upright

Supplied in various thicknesses and sizes, they are made from a natural spruce profile, two extruded aluminium profiles that are flush with the plaster and a finished ready-to-paint upright. The kit is completed with two spacer brackets and two rear clamps.

Spacers

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Each counter-frame is supplied with two spacers that allow to keep a consistent distance of the pocket from the wooden upright or, with front doors, between the two pockets.



Front Laths

Front laths are the panel terminals that serve a double purpose, i.e. facilitate the mounting of the door jambs and guide the plaster smoothing jointly with the header and upright sections.



Sliding System

The sliding system comprises an accurately milled aluminium guide and a pair of trolleys. Lateral and vertical play between the guide and roller is at a minimum thanks to the symmetrical section of the guide itself allowing for a perfect fit to the rollers on both upper and lower ends, resulting in a silent, straight and pitch-free glide. The system includes an 80kg load-bearing trolley & roller kit.



The trolley core is made from zamak and wheels from delrin, a highly resistant-to-wear material, with shielded ball bearings. Anodized aluminium fixing brackets and slide with front adjustment system. Easy access to the lateral adjustment screw allows for adjustment ease and eliminates any light infiltration above the door. Self-locking adjustment screws and adjustable nylon brake. Adjustable inferior guide. Trolley & roller tested in compliance with EN 1527 for 100.000 cycles.



Packaging

Each counter-frame is packaged disassembled in dedicated highly resistant stapled corrugated cardboard boxes. Boxes feature a full description of type, version and size of the enclosed counter-frame. The boxed counter-frames are then stacked horizontally or vertically on specific pallets and then cellophane-wrapped, ready for delivery.