

PLEATED / PERFORATED CARDBOARD FILTER

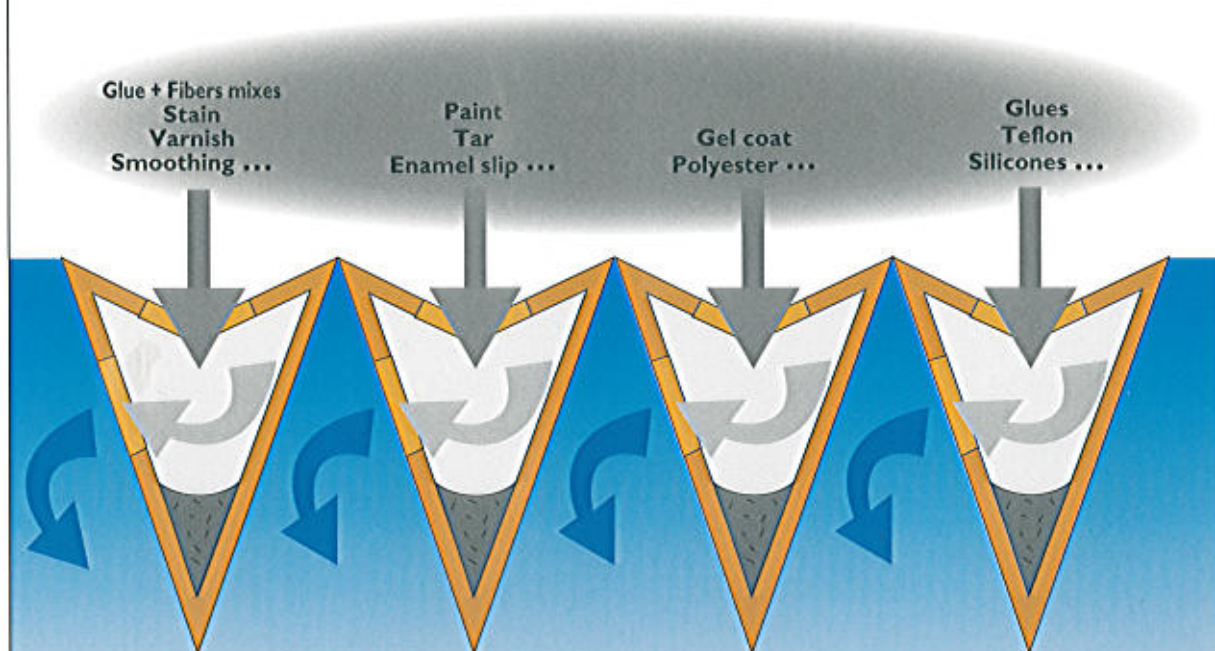
FOR
INDUSTRIAL SPRAY BOOTHS

WOOD
Furniture

METALLURGY

PLASTICS

CAR MANUFACTURERS
AND
SUBCONTRACTORS



technicis FILTER MANUFACTURER

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Dynaglass

— PLEATED CARDBOARD FILTER APPLICATIONS —

SPRAY BOOTHS AND INDIVIDUAL SPRAY WORKSTATIONS

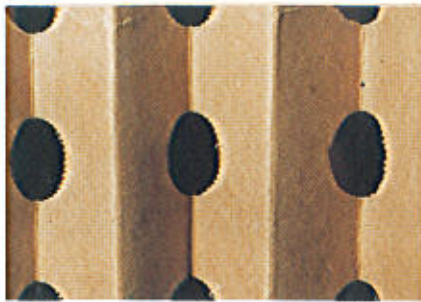
Cheese - chocolate - glue - air-dried enamel - asphalt - varnish - epoxy - thermosetting plastics - fiberglass - enamel for vitrification - gel coat - high dry extract - nitrocellulose paints - air-dried primer - tar - Teflon - polyurethane - water-soluble vinyl - tinted varnish - sealer - putty - milk powder - silicone - dust - powder - dry residue - occasional spraying of paint powder

It replaces:

- traditional fiber filters
- Raschings and ceramic rings
- fiber base and honeycomb sandwich paper filters
- other filter mediums.

Certain water curtain spray booths can advantageously be converted to use pleated cardboard filters because of their long life: negligible conversion cost, large savings on operating costs (subject to technical feasibility - consult us).

INSTALLATION PRINCIPLE

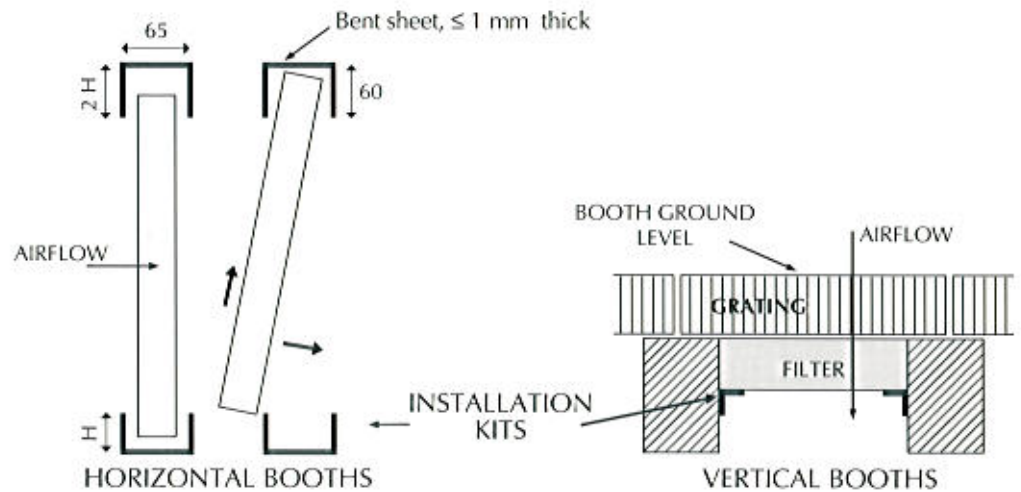


Side visible to operator

INSTALLATION KITS

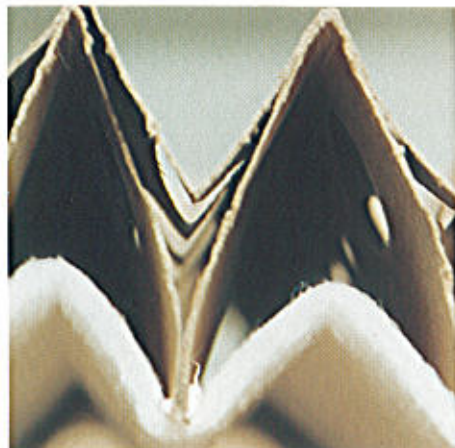
- Cost : a few hundred french francs per linear meter.

The geometric design of the filter makes it stiff so that it requires supports only at the top and bottom but not in the middle (the same is true for horizontal installation).

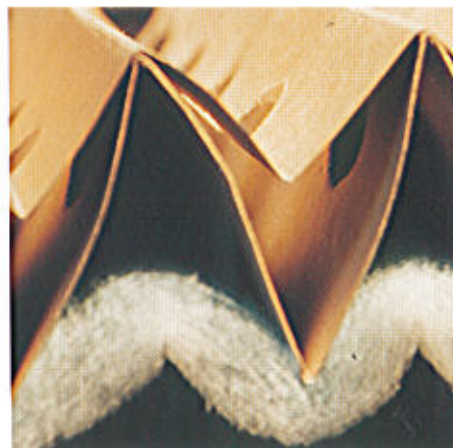


OPTIONS

— FIREPROOFING — "EPERLAN" EFFECT (occasional water spray)



INSTALLATION OF AN ADDITIONAL FILTER MEDIUM
(dust - paint powder)



PLASTIC FILTER
(air/oil or similar)



YOUR CONTACT

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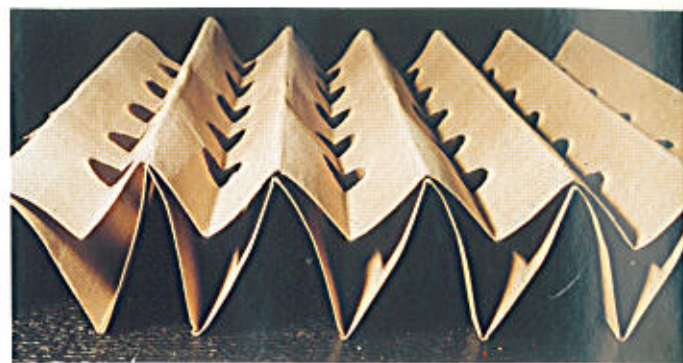
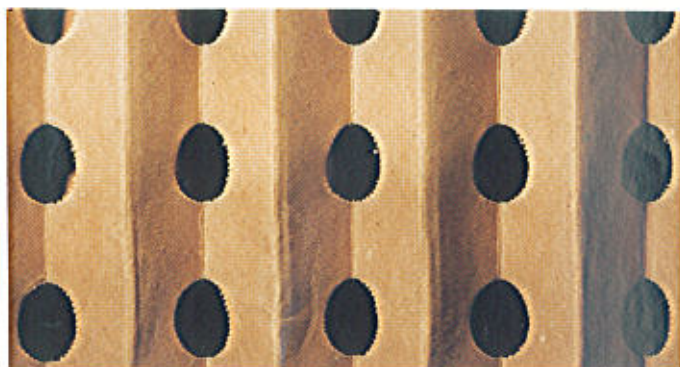
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FILTER MANUFACTURER

- FRANCE -



PLEATED/PERFORATED CARDBOARD FILTERS are designed for **separation by inertia**. This filter design, as illustrated, obliges the charged air flow to change directions several times. The particles heavier than air then adhere to the walls while the air flow continues unhindered.

The accordion pleats **become filled with particles while the air flows freely through the holes**, even when the filter is close to being saturated.

The efficiency of the pleated cardboard filter increases as it becomes saturated, which is why the filter should only be replaced when absolutely necessary, contrary to the blanket filter which rapidly loses its efficiency when it approaches saturation. Depending on the properties of the paint or powdered product, the filter efficiency can be as high as 98 percent (high solids).

Its geometric design promotes distribution of the frontal speed:

- low resistance to air, maximum filter efficiency
- frontal speed: 1 meter per second
- lasts up to **six times longer than any other** filter type
- all types of dry and wet booths can be converted to use pleated cardboard filters
- lower shipping and storage costs
- retention capacity up to 15 kg/m²
- standard dimensions: length 10 m; width 0.75 m / 0.90 m / 1 m
- other dimensions available on request.

APPLICATIONS : paint, polyester, glue, varnish, protection (wood, coal, insects, powder, etc.).

OPTIMUM EFFICIENCY :

- 25 pleats per meter, evenly distributed
- 52 pleats per meter for dry residues.

