

# Spray & Bake Booth Ventilation

Achieve maximum airflow efficiency with Filtercorp's range of filtration products for downdraft and crossdraft paint booths.



## SBM Thick/SBM 10

SBM overspray wall and floor filters with an overall thickness of 80-100mm. Available in a roll 10m x 930mm.

Specifications		
SBM Thick		Units
<b>Filter Media</b>	SBM Thick	
<b>Size (Roll)</b>	10m x 930mm	
<b>Thickness</b>	80 -100	mm
<b>Initial Pressure Drop</b>	65	Pa
<b>Application in Booth</b>	Overspray wall filter	

SBM 10		
SBM 10		Units
<b>Filter Media</b>	SBM 10	
<b>Size (Roll)</b>	50m x 1500mm	
<b>Thickness</b>	15	mm
<b>Initial Pressure Drop</b>	25	Pa
<b>Application in Booth</b>	Overspray floor filter	



### To install industrial quality over-spray arrestor:

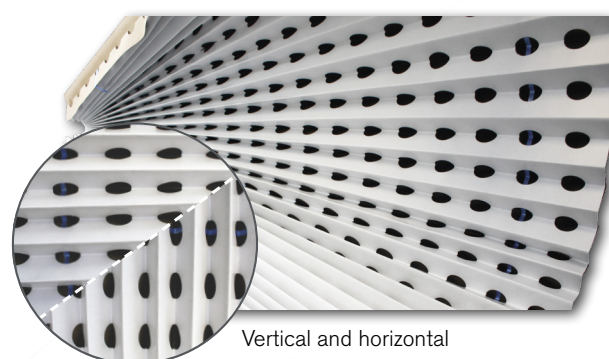
1. Install support mesh into new or existing steel channel. Most channels are at 930mm spacing.
2. Tuck SBM Thick into channel.
3. Use spray booth until filter surface is loaded with over-spray, or when air-flow reduces to not less than 0.5 m/s in the spray booth.
4. With use of lacquers, vacuuming the filter media will achieve extra filter media life.

## Sepapaint Paper

Designed to be used for separation of mist in paint shops and colour spraying cabins. Compact and self-supporting, it fits all 50mm deep booth frames. Self-rigid due to special pleating geometry and high quality cardboard. An optional water repellent version is also available.

Specifications		
Sepapaint Paper		Units
<b>Material Thickness</b>	50	mm
<b>Size (Roll)</b>	11m x 910mm	
<b>Weight</b>	450	g/m <sup>2</sup>
<b>Initial Pressure Drop</b>	13	Pa
<b>Tested Air Flow</b>	0.25-1	m/s
<b>Dust Holding Capacity</b>	85-90	%

### Wall Filter



Vertical and horizontal installation possible.

### Suitable for the following applications:

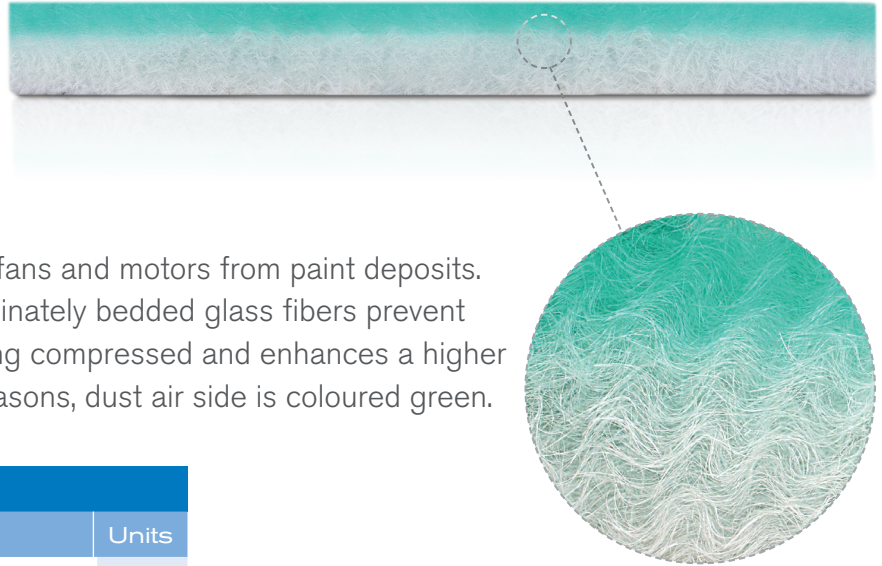
Colour shops, spraying cabins, metal industry, furniture, plastic, automotive and the food industry.

- » **Compact and self supporting**
- » **Humidity Resistant**

## Paint-stop Green

### Exhaust Filter

Paint-stop green is used for the separation of ink mist in paint shop and colour-spraying cabin applications. It separates ink mist from exhausted air thereby exhaust air channels, in-turn protecting fans and motors from paint deposits. The low compressibility of inordinately bedded glass fibers prevent the used medium from becoming compressed and enhances a higher separation. For identification reasons, dust air side is coloured green.



Paint-stop green glass fibres. Green on top identifies dust air side.

Specifications		
Paint-stop Green		Units
<b>Temperature Resistance</b>	180° max	°C
<b>Filter Class</b>	G4	
<b>Material Thickness</b>	75	mm
<b>Size (Roll)</b>	25m(L) x 1.8 or 0.75mm(W)	m
<b>Recommended Final Pressure Drop</b>	100	Pa
<b>Initial Pressure Drop</b>	12	Pa
<b>Tested Air Flow</b>	500	m <sup>3</sup> /h
<b>Dust Holding Capacity</b>	3850	gms

“Contains no silicone or other lacquer-harming substances.”

## F600V Filter Media

### Roof Filter

F600V filter media specifically designed for spray booth intakes. High-performance air filter blanket with fully impregnated fibers throughout the air filter depth. Eliminates all paint finish damaging, collecting particles  $\geq 10$  micron from the intake air stream while creating a uniform air diffusion.

Provides perfect laminar air flow throughout the paint cabin assuring a perfect paint finish. Available in rolls or cut pieces.

Specifications		
F600V		Units
<b>Classification</b>	F5	
<b>Filter Media Colour</b>	White	
<b>Average Arrestance</b>	97	%
<b>Average Efficiency</b>	53	
<b>Initial Resistance</b>	25	Pa
<b>Final Resistance</b>	450	
<b>Air Velocity at Test</b>	0.25	m/sec
<b>Recommended Face Velocity</b>	0.75-1.0	
<b>Dust Holding Capacity</b>	330	g/m <sup>2</sup>
<b>Material Thickness</b>	25	mm

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