

# TECHNICAL INFORMATION

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## Product Name: FL220 Filtration Mat ISO Class 50% coarse for paint booths.

### Product Description and Use.

FL220 filtering mats provides for the inlet air preliminary filter in paint booths and the air outlet filter (before activated carbon filter) in spray painting systems.

Widely used as the filter of the air absorbed form outside in forced-air ventilation and air-conditioning systems.

### Design.

Progressively assembled filtering agent made from fine and durable 100% polyester fibres.

Does not contain silicone.



Filtration Class acc. to PN-EN ISO16890:
<b>ISO coarse 50%</b>
Filtration Class acc. to PN-EN 779: G4

Technical Data:
<ul style="list-style-type: none"><li>Resistance to moisture up to 100% r.F.</li></ul>
<ul style="list-style-type: none"><li>Resistance to temp. up to 80°C.</li></ul>
<ul style="list-style-type: none"><li>Fire resistance complies with DIN 53438 F1.</li></ul>

Dimensions:
<ul style="list-style-type: none"><li>Roll: 20m x 2m x 20mm</li></ul>
<ul style="list-style-type: none"><li>Customized size acc. to Client needs.</li></ul>
<ul style="list-style-type: none"><li>Pocket filters acc. to dimensions.</li></ul>

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#### Features.

Preliminary air filtering mats made from durable and environmentally friendly fibers. Filter cleaning or washing is recommended before reuse.

FL220 provides mainly for the preliminary air filtration in painting systems. Improved performance and dust collection capacity results from progressively assembled fibres that ensure maximum durability and high performance of ceiling filter.

Preliminary filtering mats may be installed in forced-air ventilation devices and air conditioning systems.

The above information is based on currently available data and knowledge on the product and its use. The information does not purport to be a description of product in terms of its quality, suitability for use in some conditions, nor does it guarantee any particular features. User shall follow instructions provided on labels and MSDS. Producer is not responsible for consequences and work effects that were influenced with factors beyond his control.

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Technical Data: FL220 ISO coarse 50% complies with PN-EN ISO16890:2017-01		Technical Data FL220 G4 complies with PN-EN 779	
Collection efficiency ePM	50%	Collection efficiency (Am)	96%
Rated air flow	3600m <sup>3</sup> /h/m <sup>2</sup>	Rated air flow	900m <sup>3</sup> /h
Recommended final pressure drop	200Pa	Recommended final pressure drop	450 Pa
Dust collection capacity	317g/m <sup>2</sup>	Dust collection capacity	317 g/m <sup>2</sup>
Thickness [ca.]	20mm	Thickness	20mm
Weight	220g/m <sup>2</sup>	Weight	220g/m <sup>2</sup>
Fire resistance complies with DIN 53438-3 (F1)		Fire resistance complies with DIN 53438-3 (F1)	

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