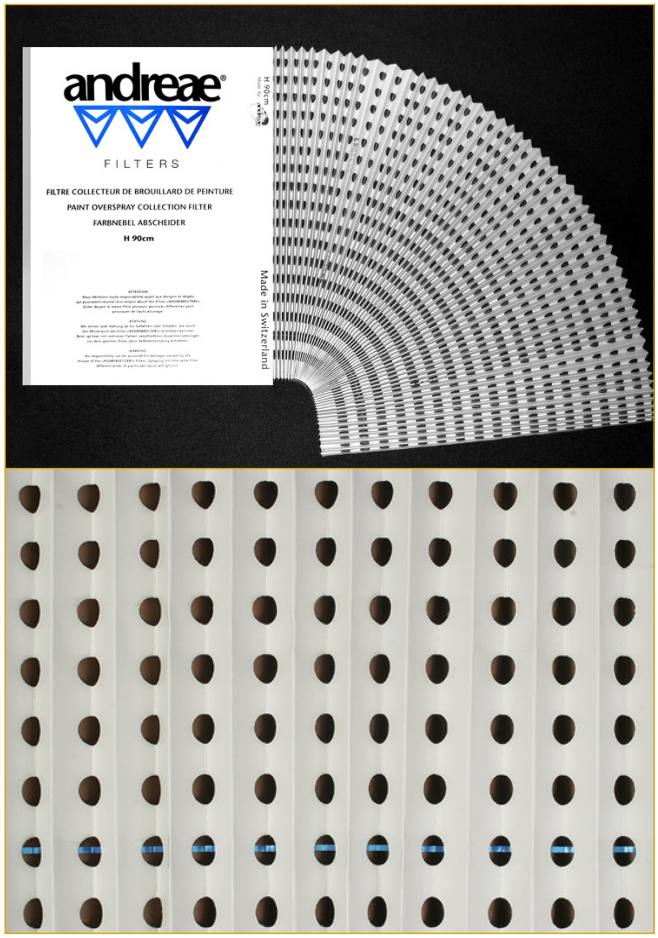

1. Accordion structure
2. Durable and rigid construction
3. High dust absorbency
4. Low pressure drop
5. Long filter lifespan
6. Low energy costs
7. Resistance to humidity
8. Flame retardant (F1/K1 acc. DIN 53438)

Andreae® STD

andreae STD FILTERS

Recommended number of pleats:	26
Retention capacity:	18 kg/m² (depends on the paint used)
Average filtration efficiency:	up to 98,1%
Recommended air flow rate:	0,25–1 m/s
*Final pressure drop derived from the filter test standard:	128 Pa < 256 Pa
Pressure drop:	0,25 m/s – 8 Pa 0,50 m/s – 20 Pa 0,75 m/s – 30 Pa 1,00 m/s – 40 Pa
Resistance to temperature:	180°C

Filtration material: paper: white, waterproof with very high strength.

Construction: pleated and glued 2 layers of cardboard with a glued-on tension regulator for the most efficient use of filters.

Application: Andreae STD series cardboard slit filters are intended for shower cabins and walls.

Their special geometry provides high rigidity and allows installation without additional reinforcements.

The shape of the walls and symmetrically placed holes cause the air flowing through the filter together with contaminants to swirl (the so-called Venturi effect), which results in deposition of contaminants on the filter walls.

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* The final operating pressure drop of the filters should be checked in the technical documentation or consulted with the manufacturer of the equipment being operated.

* All technical parameters provided in this specification are for informational purposes only. Actual values may differ by up to ±10% from the stated figures. The manufacturer assumes no responsibility for any consequences arising from the selection of filters in non-standard sizes based solely on the user's own calculations.

andreae STD FILTERS

ANDREAE STD (standard) WHITE

height H [cm]	area [m²]
75	10
90	8,35*
90	10
100	10

* 8,35 m² = 10 sqyd