

EN ISO 9053-1:2018 - Determination of airflow resistance

Direct airflow method

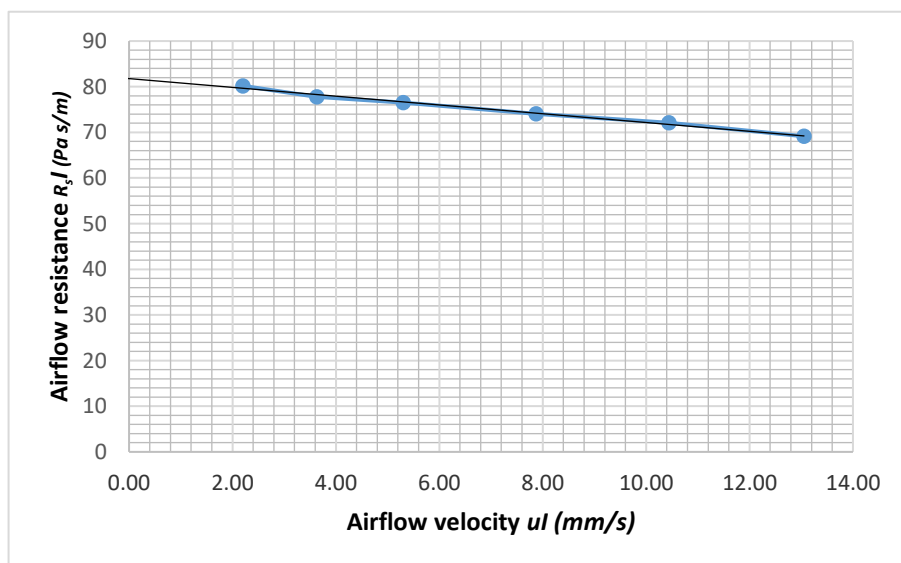
Client: Kvadrat

Date: 17/05/2022

Fabric details
 Type: Marsh
 Item number: 7111
 Colour: 6
 Manufacturer: Kinnasand / Kvadrat

Specimen
 Sample: 1
 Thickness: 1.30 mm
 Area specific mass: 431 g/m²
 Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	69
10.44	72
7.87	74
5.30	77
3.63	78
2.20	80



Airflow resistance $R_s = 82$ Pa s/m

Summary of results:				
Sample:	1	2		Mean:
Thickness:	1.30	1.30		1.30 mm
Area specific mass:	431	414		422 g/m ²
Airflow resistance R_s:	82	48		65 Pa s/m

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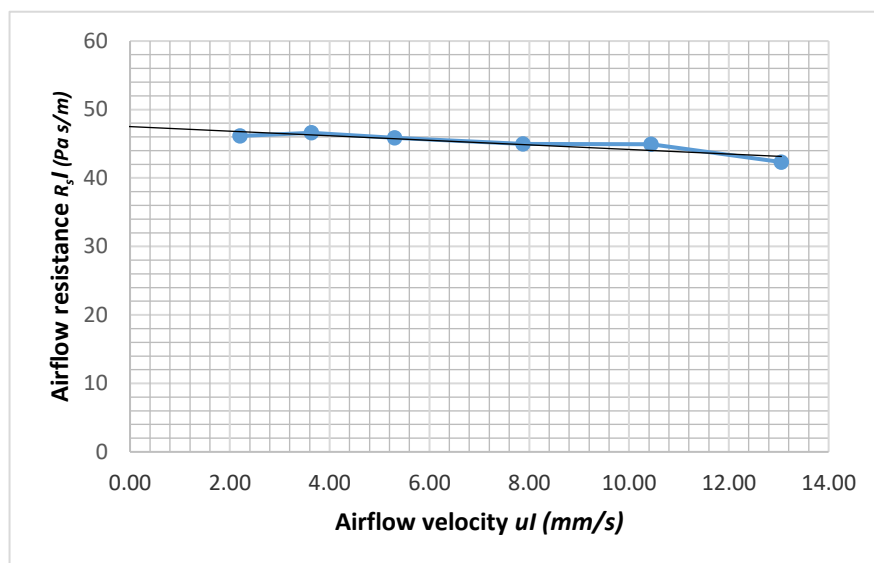
Client Kvadrat

Date: 17/05/2022

Fabric details Type: Marsh
Item number: 7111
Colour: 1
Manufacturer: Kinnasand / Kvadrat

Specimen Sample: 2
Thickness: 1.30 mm
Area specific mass: 414 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	42
10.44	45
7.87	45
5.30	46
3.63	47
2.20	46



Airflow resistance $R_s = 48$ Pa s/m