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

Direct airflow method

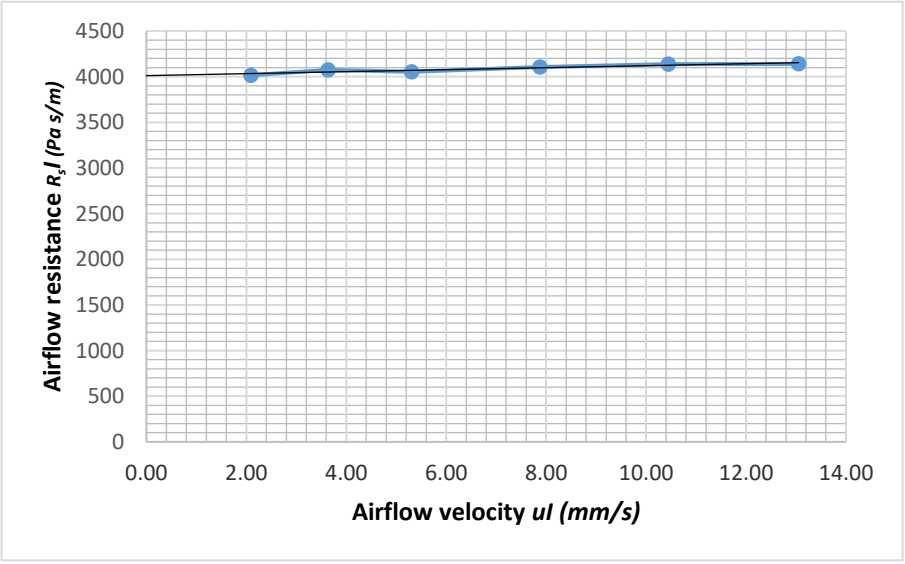
Client Kvadrat

Date: 30/05/2022

Fabric details
Type: Two
Item number: 0
Colour: 2
Manufacturer: Kinnasand / Kvadrat

Specimen
Sample: 1
Thickness: 0.62 mm
Area specific mass: 295 g/m^2
Diameter: 100 mm

ul (mm/s)	*R_s l (Pa s/m)*
13.05	4140
10.44	4138
7.87	4107
5.30	4055
3.63	4075
2.09	4017



Airflow resistance R_s = 3808 Pa s/m

Summary of results:					
Sample:	1	2	3	**Mean:**	
Thickness:	0.62	0.64	0.64	**0.63**	**mm**
Area specific mass:	295	300	299	**298**	**g/m^2**
Airflow resistance R_s:	3808	4012	3808	**3876**	**Pa s/m**

Test conducted by Kvadrat SoftCells
Poznańska 3, 62-023 Gądki

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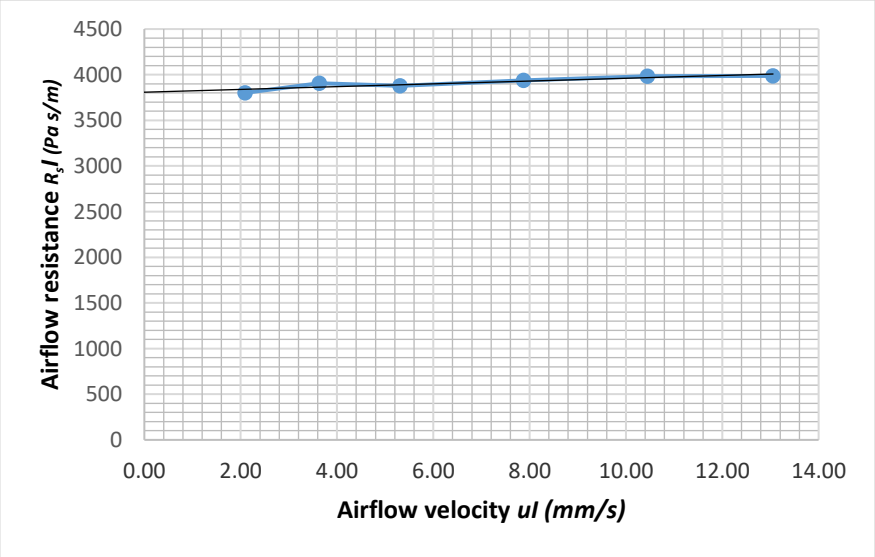
Direct airflow method

Client	Kvadrat	
Date:	30/05/2022	
Fabric details	Type:	Two
	Item number:	0
	Colour:	15
	Manufacturer:	Kinnasand / Kvadrat
Specimen	Sample:	2
	Thickness:	0.64 mm
	Area specific mass:	300 g/m^2
	Diameter:	100 mm

ul (mm/s)	*$R_s l$ (Pa s/m)*
13.05	3987
10.44	3983
7.87	3940
5.30	3879
3.63	3907
2.09	3802



Airflow resistance R_s = 4012 Pa s/m

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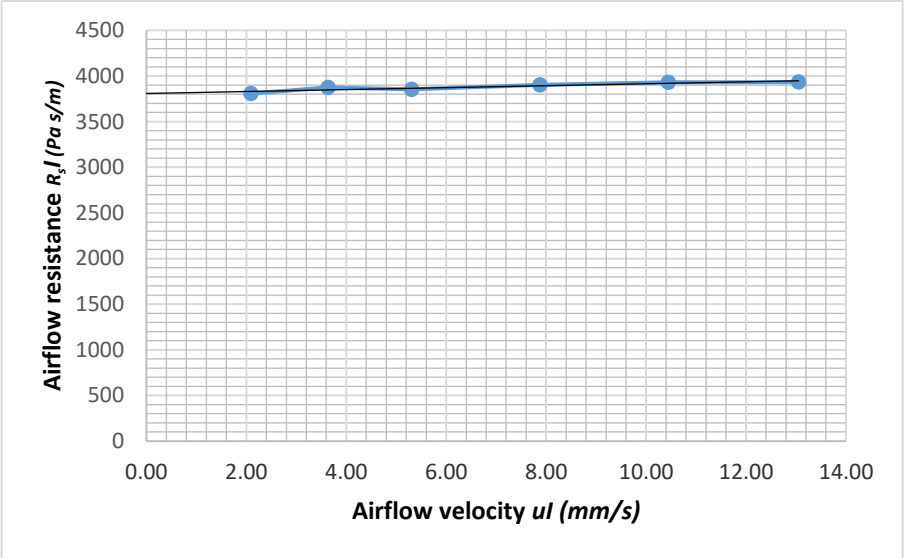
Direct airflow method

Client	Kvadrat		
Date:	30/05/2022		
Fabric details	Type:	Two	
	Item number	0	
	Colour:	12	
	Manufacturer:	Kinnasand / Kvadrat	
Specimen	Sample:	3	
	Thickness:	0.64	mm
	Area specific mass:	299	g/m^2
	Diameter:	100	mm

uI (mm/s)	*$R_s I$ (Pa s/m)*
13.05	3933
10.44	3931
7.87	3901
5.30	3855
3.63	3874
2.09	3808



Airflow resistance R_s = 3808 Pa s/m

Test conducted by Kvadrat SoftCells
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