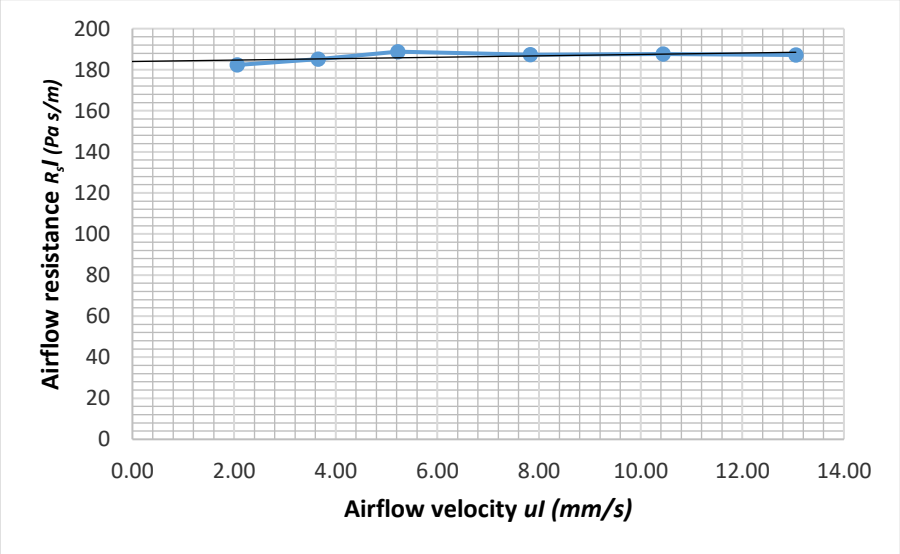
EN ISO 9053-1:2018 - Determination of airflow resistance

Direct airflow method

Client	Kvadrat		
Date:	12-03-26		
Fabric details	Type:	Firo	
	Item number:	600795	
	Colour:	160	
	Manufacturer:	kvadrat sahco	
	Batch:	IN-3-962-0160	
	Finish:		
Specimen	Sample:	1	
	Thickness:	1.60	mm
	Area specific mass:	478	g/m^2
	Diameter:	100	mm

ul (mm/s)	*R_sl (Pa s/m)*
13.05	187
10.44	188
7.83	187
5.22	189
3.65	185
2.06	182



Airflow resistance R_s = 184 Pa s/m

Summary of results:					
Sample:	1	2	3	**Mean:**	
Thickness:	1.60	1.58	1.56	**1.58**	**mm**
Area specific mass:	478	474	472	**475**	**g/m^2**
Airflow resistance R_s:	184	188	176	**183**	**Pa s/m**

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

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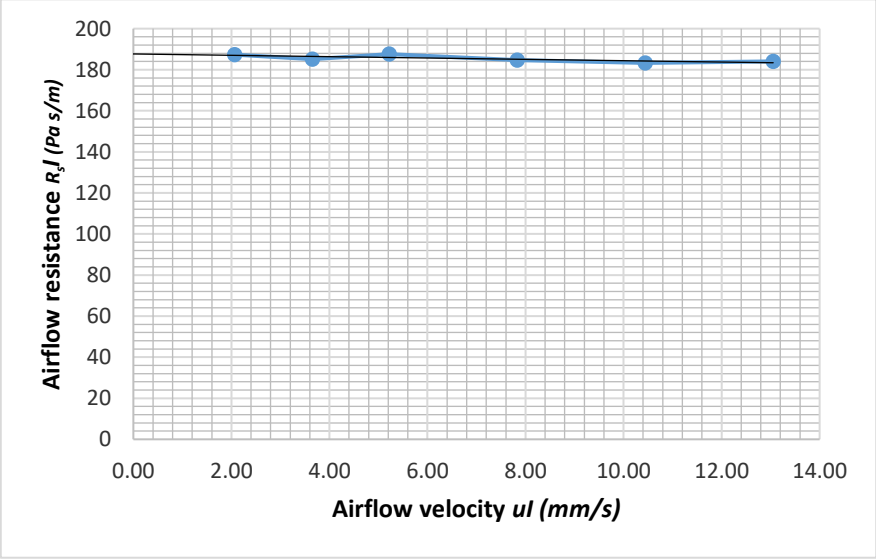
Direct airflow method

Client	Kvadrat		
Date:	12-03-26		
Fabric details	Type:	Firo	
	Item number:	600795	
	Colour:	112	
	Manufacturer:	kvadrat sahco	
	Batch:	IN-3-962-0160	
	Finish:	0	
Specimen	Sample:	2	
	Thickness:	1.58	mm
	Area specific mass:	474	g/m^2
	Diameter:	100	mm

uI (mm/s)	$R_s I$ *(Pa s/m)*
13.05	184
10.44	183
7.83	185
5.22	188
3.65	185
2.06	187



Airflow resistance R_s = 188 Pa s/m

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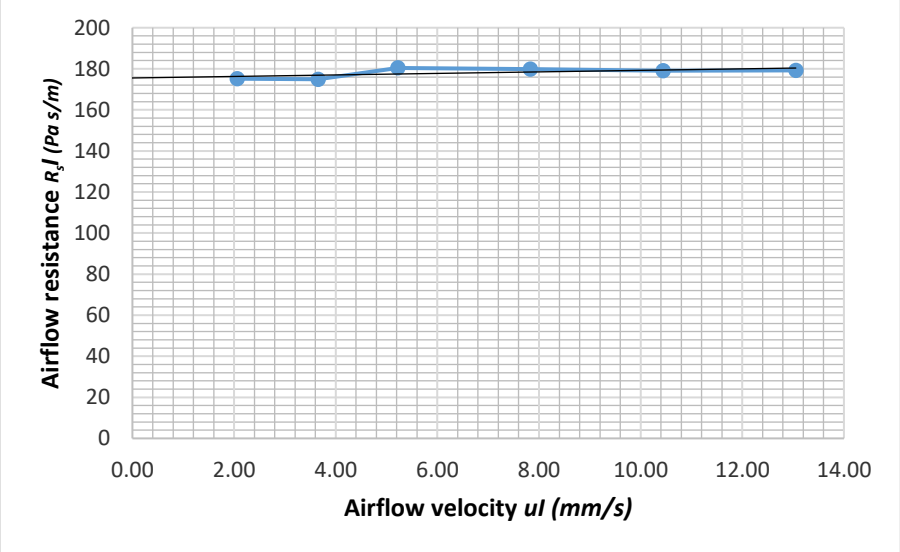
Direct airflow method

Client	Kvadrat		
Date:	12-03-26		
Fabric details	Type:	Firo	
	Item number	600795	
	Colour:	112	
	Manufacturer:	kvadrat sahco	
	Batch:	IN-3-962-0160	
	Finish:	0	
Specimen	Sample:	3	
	Thickness:	1.56	mm
	Area specific mass:	472	g/m^2
	Diameter:	100	mm

ul (mm/s)	$R_s l$ *(Pa s/m)*
13.05	179
10.44	179
7.83	180
5.22	180
3.65	175
2.06	175



Airflow resistance R_s = 176 Pa s/m

Test conducted by Kvadrat SoftCells
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