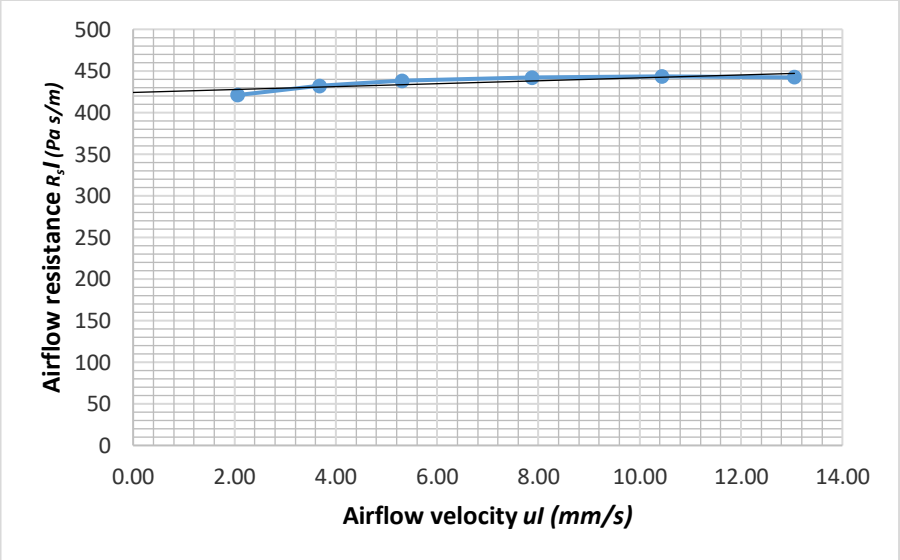
EN ISO 9053-1:2018 - Determination of airflow resistance

Direct airflow method

Client	Kvadrat		
Date:	01-08-24		
Fabric details	Type:	Mylla	
	Item number:	13033	
	Colour:	361	
	Manufacturer:	kvadrat	
	Batch:	E-38965004	
	Finish:	washed	
Specimen	Sample:	1	
	Thickness:	2.18	mm
	Area specific mass:	642	g/m^2
	Diameter:	100	mm

ul (mm/s)	*R_sl (Pa s/m)*
13.05	442
10.44	443
7.87	442
5.30	438
3.68	432
2.06	421



Airflow resistance R_s = 424 Pa s/m

Summary of results:					
Sample:	1	2	3	**Mean:**	
Thickness:	2.18	2.17	2.13	**2.16**	**mm**
Area specific mass:	642	635	636	**638**	**g/m^2**
Airflow resistance R_s:	424	427	445	**432**	**Pa s/m**

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

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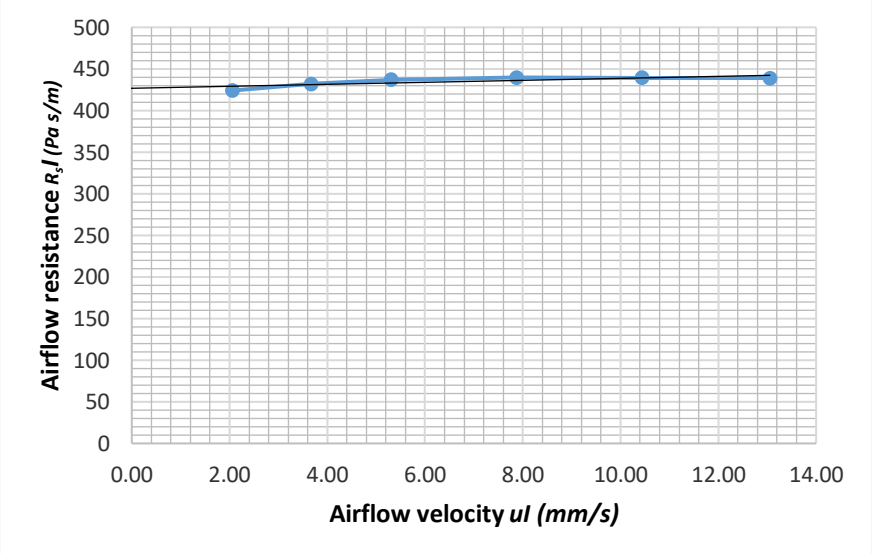
Client	Kvadrat	
Date:	01-08-24	
Fabric details	Type:	Mylla
	Item number	13033
	Colour:	361
	Manufacturer:	kvadrat
	Batch:	E-38965004
Specimen	Sample:	2
	Thickness:	2.17 mm
	Area specific mass:	635 g/m^2
	Diameter:	100 mm

uI (mm/s)	*R_sI (Pa s/m)*
13.05	439
10.44	439
7.87	440
5.30	437
3.68	432
2.06	424



Airflow resistance R_s = 427 Pa s/m

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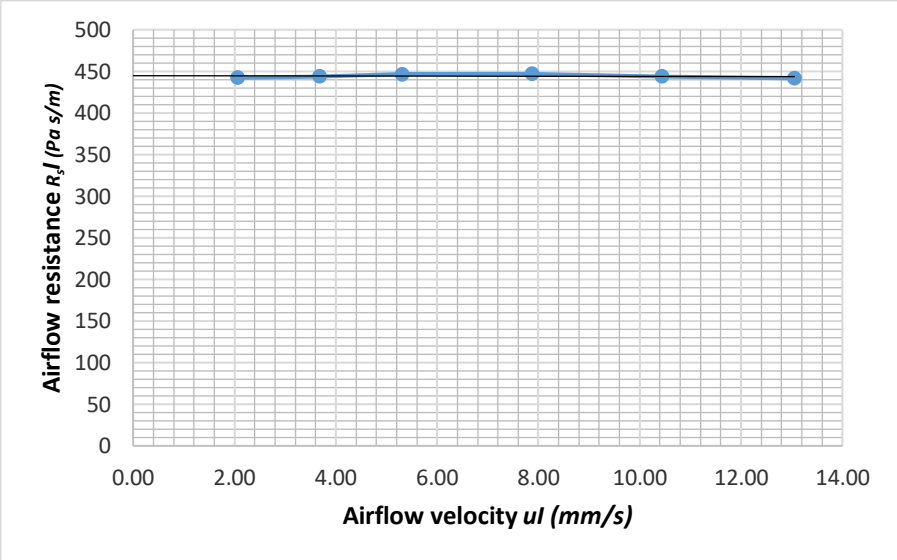
Direct airflow method

Client	Kvadrat	
Date:	01-08-24	
Fabric details	Type:	Mylla
	Item number	13033
	Colour:	361
	Manufacturer:	kvadrat
	Batch:	E-38965004
Specimen	Sample:	3
	Thickness:	2.13 mm
	Area specific mass:	636 g/m^2
	Diameter:	100 mm

ul (mm/s)	*$R_s l$ (Pa s/m)*
13.05	441
10.44	444
7.87	447
5.30	447
3.68	444
2.06	442



Airflow resistance R_s = 445 Pa s/m

Test conducted by Kvadrat SoftCells
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