

**Subject:** illbruck ME220 EPDM Membrane – Technical Information

09.03.2022

CPG Europe has 1,400 employees and is part of RPM International Inc. — one of the world’s leading construction products companies for both the industrial and consumer segments. RPM is headquartered in Medina, Ohio (USA) and is listed on the New York stock exchange.

CPG Europe has a distinctive and leading position in the market owing to the strength of its well recognised product brands and its capacity to leverage the synergies between them through effective collaboration of its people, products and services.

CPG Turkey, as Tremco CPG Turkey Dış Tic. A.Ş. legal entity, is a part of CPG Europe.

illbruck ME220 EPDM membrane is used for weather sealing the connecting joint between a window or a façade & an adjacent structure, or to provide an internal air-tight barrier in a similar detail.

You can see ASTM Standard results for 1 mm product. Please note that, no liability can be accepted for the information provided in this document although it is published in good faith and believed to be correct.

Property	ASTM Standard	Performance Minimum	Typ Values
Thickness, minimum			0.0405
Sheet-overall	D412	0.04 (1.016 mm)	(1.092)
Tensile Strength, min.	D412 (Die C)	1305 psi (9.0 Mpa)	1435 (9.9)
Dynamic Puncture Resistance	D5635 /	5 J min @ 73.4 +/- 4 Flow slop	pass
	D5635M /		
Static Puncture Resistance	D5602 /	44.1 lbf (20 kg)	pass
	D5602M		
Elongation, Ultimate, min	D412 (Die C)	300%	430
Tensile set, max	D 412	10%	2.May
	Method A (Die C)		
Tear Resistance, min	D624 (Die C)	150 lbf/in (26.27 kN/m)	190 (33.2)
Brittleness point, max	D2137	-49 °F (-45 °C)	-49 (-45)
Ozone resistance, no cracks	D1149	pass	pass

Heat Aging:	D 573		
Tensile Strength, min.	D 412 (Die C)	1205 (8.3)	1425 (9.8)
Elongation, ultimate, min.	D 412	200%	240
Tear resistance, min.	D 624	125 lbf/in (21.9 kN/m)	180 (31.5)
Linear dimensional change, max	D 1204	+/- 1.0%	-0.5
Water absorption, max, mass	D 471	+8%, -2%	+1.8
	D816		
Factory Seam Strength, min	Method B (modified)	50 lbf/in (8.8 kN/m) or Sheet Failure	Sheet Failure
Weather Resistance	G 151 / D 518		
Visual inspection	G 151 / D 518	No cracks or crazing	Pass
PRFSE, min	G 155 / D 412	30	54
Elongation, ultimate, min	(Die C)	200	240
Air Permeance (Material)	E2178	<0.004 (0.02)	pass

illbruck products are manufactured to rigid standards of quality. Any product which has been applied in accordance with illbruck written instructions and in any application recommended by illbruck on the Technical Data Sheet, but which is proved as defective, will be replaced free of charge by Tremco CPG Turkey or the purchase price of defective products will be refunded.<sup>1</sup>

If you have any further questions or requests, please do not hesitate to contact illbruck Sales Representatives.

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<sup>1</sup> Under the conditions specified by the manufacturers. Only valid on receipt of the correct registration documents in accordance with terms and conditions, available on request.