



Pour in Place Systems Data Table

Libramiento Noroeste Km. 12.8, Garcia, N.L., México

Phone +52 (81) 8369-0300, Fax +52 (81) 8369-0345

<http://www.pumex.com>

Systems Ranges

Type	Free Rise	Free Rise	Cream	Gel Time	Tack Free	Rise Time
	Density (pcf)	Density (kg/m3)	Time (s)	(s)	Time (s)	(s)
Spray	0.50 - 2.62	8.00 - 42.00	1 - 4	NA	5 - 16	8 - 22
Pour in place	1.31 - 2.62	21.00 - 41.50	10 - 30	55 - 135	70 - 195	85 - 165
High Density	8.00 - 11.86	60.00 - 190.00	20 - 45	60 - 130	80 - 135	110 - 160

Pour in Place Systems with 141b Blowing Agent

Components			Time (seconds)				Free Rise Density		Applications / Uses
A	B	Mix	Cream	Gel	Tack	Rise	pcf	kg/m3	
(MDI)	(Polimark)	Relation			Free		(cup)	(cup)	
IXC	RV-534	1:1 weight	25 - 30	102 - 107	150 - 160	155 - 165	1.99 - 2.12	32.00 - 34.00	Discontinuos panels freezer.
IXC	RV-534WR	1:1 weight	25 - 30	102 - 107	150 - 160	155 - 165	1.99 - 2.12	32.00 - 34.00	Discontinuos panels freezer w/flame retardant.
IXC	RV-1332	1:1 weight	25 - 30	90 - 110	140 - 160	N/A	1.48 - 1.51	23.80 - 24.20	Block foam artificial flowers.
IXC	RV-1532E	1:1 weight	14 - 18	70 - 80	95 - 105	115 - 125	1.56 - 1.63	25.00 - 26.00	Refrigeration cabinets.
IXC	RV-1532G	1:1 weight	16 - 19	80 - 90	110 - 120	135 - 145	1.37 - 1.43	22.00 - 23.00	Refrigeration cabinets, insulate building panels & doors.
IXC	RV-2132	1:1 weight	11 - 12	60 - 63	75 - 82	85 - 90	1.31 - 1.34	21.00 - 21.50	Insulate building panels & doors.
IXC	RV-151299	1:1 weight	30 - 40	110 - 125	150 - 175	N/A	1.55 - 1.57	24.80 - 25.20	Blocks, insulate cold storage panels.
IXC	RV-2435	1:1 weight	20 - 25	120 - 135	175 - 195	N/A	1.93 - 1.99	31.00 - 32.00	Refrigeration cabinets, insulate buildings panels & discontinuos panels.
IXC	RV-2597	1.24:1 weight	10 - 11	55 - 60	70 - 80	N/A	1.84 - 1.90	29.50 - 30.50	Refrigeration cabinets, insulate buildings panels & discontinuos panels.
IXC	ECPUR-2032	1:1 weight	25 - 30	80 - 100	N/A	N/A	1.53 - 1.56	24.60 - 25.00	Refrigeration cabinets, insulate buildings panels & discontinuos panels.
IXC	ECPUR-2020W	1:1 weight	25 - 30	102 - 107	150 - 160	N/A	1.81 - 1.87	29.00 - 30.00	Surfing board.
IXC	ECPUR-2018	1:1 weight	25 - 30	102 - 107	150 - 160	N/A	1.81 - 1.87	29.00 - 30.00	Surfing board.

Pour in Place Systems with all Water Blowing Agent

Components			Time (seconds)				Free Rise Density		Applications / Uses
A	B	Mix	Cream	Gel	Tack	Rise	pcf	kg/m3	
(MDI)	(Polimark)	Relation			Free		(CUBE)	(CUBE)	
IXC	RV-3025	1:1 weight	20 - 25	80 - 90	110 - 120	N/A	1.74 - 1.81	28 - 29	Pipe insulations.
IXC	RV-3028	1:1 weight	20 - 25	80 - 90	110 - 120	N/A	1.99 - 2.12	32 - 34	Pipe insulations, discontinuos blocks.
IXC	RV-3030	1:1 weight	20 - 25	80 - 90	110 - 120	N/A	2.50 - 2.60	40 - 41.50	Pipe insulations, discontinuos blocks.



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Pour in Place Systems with 245fa Blowing Agent

Components			Time (seconds)				Free Rise Density		Applications / Uses
A	B	Mix	Cream	Gel	Tack	Rise	pcf	kg/m3	
(MDI)	(Polimark)	Relation			Free		(CUBE)	CUBE)	
Rubinate 1850	RV-4032	1:1 weight	16 - 20	115 - 120	160 - 170	N/A	1.53 - 1.59	24.50 - 25.50	Pipe insulations, discontinuous blocks.

Pour in Place Systems with Cyclopentane Blowing Agent

Components			Time (seconds)				Free Rise Density		Applications / Uses
A	B	Mix	Cream	Gel	Tack	Rise	pcf	kg/m3	
(MDI)	(Polimark)	Relation			Free		(CUBE)	CUBE)	
IXC	RV-2634-C	1:1 weight	18 - 20	90 - 100	150 - 160	N/A	1.74 - 1.81	28 - 29	Panel Insulations.

Pour in Place Systems with R-22 Blowing Agent

Components			Time (seconds)				Free Rise Density		Applications / Uses
A	B	Mix	Cream	Gel	Tack	Rise	pcf	kg/m3	
(MDI)	(Polimark)	Relation			Free		(CUBE)	CUBE)	
IXC	RV-2032-22	1:1 weight	FROTH	80 - 100	N/A	N/A	1.49 - 1.56	24 - 25	Panel Insulations.