



# Polyurethane Systems Data Table

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

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<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
Puor 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

## Spray 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	RE-100	1:1 vol.	3	N/A	8 - 10	12 - 16	1.68 - 1.74	27 - 28	Flame Retardant Spray Isocianurate
IXC	RE-119	1:1 vol.	3 - 4	N/A	10 - 16	16 - 22	1.62 - 1.68	26 - 27	Flame Retardant Spray
IXC	RE-121	1:1 vol.	3 - 4	N/A	10 - 16	16 - 22	1.50	24	Flame Retardant Spray
IXC	RE-1717*	1:1 vol.	1 - 2	N/A	5 - 6	N/A	1.87 - 1.93	30 - 31	Flame Retardant Spray
IXC	RE-1719*	1:1 vol.	1 - 2	N/A	5 - 6	N/A	1.62 - 1.68	26 - 27	Flame Retardant Spray
IXC	RE-1720	1:1 vol.	3 - 4	N/A	10 - 16	16 - 22	1.62 - 1.68	26 - 27	Flame Retardant Spray
IXC	RE-1725	1:1 vol.	3 - 4	N/A	10 - 16	16 - 22	2.05 - 2.12	33 - 34	Flame Retardant Spray
IXC	RE-1730	1:1 vol.	3 - 4	N/A	12 - 14	18 - 20	2.50 - 2.62	40 - 42	Flame Retardant Spray
IXC	RE-17151	1:1 vol.	3 - 4	N/A	8 - 10	10 - 14	2.50 - 2.62	40 - 42	Spray Foam Class UL - II
IXC	RE-17153	1:1 vol.	2 - 3	N/A	6 - 10	8 - 12	1.62 - 1.68	26 - 27	Spray Foam Class UL - A
IXC	RE-200	1:1 vol.	2 - 3	N/A	7 - 9	10 - 14	1.43 - 1.50	23 - 24	Flame Retardant Spray
IXC	RE-200Z1	1:1 vol.	2 - 3	N/A	7 - 9	10 - 14	1.37 - 1.43	22 - 23	Flame Retardant Spray Low Density
IXC	RE-200Z2	1:1 vol.	2 - 3	N/A	7 - 9	10 - 14	1.24 - 1.31	20 - 21	Flame Retardant Spray Low Density Foam

## Spray 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	RE-3005	1:1 vol.	3 - 4	N/A	8 - 12	8 - 12	0.50	8	Wall Foam
IXC	RE-3012	1:1 vol.	3 - 4	N/A	8 - 12	8 - 12	1.12 - 1.18	18 - 19	Wall Foam
IXC	RE-3290	1:1 vol.	4	N/A	12 - 14	18 - 22	2.12 - 2.24	34 - 36	Roofing Foam



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## Spray 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)	
IXC	RE-420	1:1 vol.	4	N/A	12 - 14	18 - 22	1.56 - 1.62	25 - 26	Wall Foam