

REACTION TIMES

Very elastic, acrylic based injection system.

Designed for crack and joint sealing, consolidation in presence of water and the (re)injection of hoses and membranes.

I. Standard reaction times at 20 °C*

Solution 1						Solution 2			Reaction times at 20°C
Resin		Acc		Retarder		Water		NPS	
kg	l	kg	l	l	kg	kg	l	kg	
10	8,33	0,3	0,280	-	-	11,13	11,13	0,025	32min 19sec
10	8,33	0,4	0,372	-	-	11,13	11,13	0,025	16min 36sec
10	8,33	0,5	0,465	-	-	11,13	11,13	0,025	14min 6sec
10	8,33	1	0,93	-	-	11,13	11,13	0,013	10min 55 sec
10	8,33	1	0,93	-	-	11,13	11,13	0,05	3 min 37 sec
10	8,33	1	0,93	-	-	11,13	11,13	0,1	1 min 42 sec
10	8,33	1	0,93	-	-	11,13	11,13	0,2	1 min 02 sec
10	8,33	1	0,93	-	-	11,13	11,13	0,3	50 sec
10	8,33	1	0,93	-	-	11,13	11,13	0,4	35 sec
10	8,33	1	0,93	-	-	11,13	11,13	0,5	29 sec

Solution 1						Solution 2			Reaction times at 20°C
Resin		Acc		Retarder		Water		NPS	
kg	l	kg	l	l	kg	kg	l	kg	
20	16,67	0,6	0,56	-	-	22,25	22,25	0,05	31min 19sec
20	16,67	0,8	0,74	-	-	22,25	22,25	0,05	16min 36sec
20	16,67	1	0,93	-	-	22,25	22,25	0,05	14min 6sec
20	16,67	2	1,85	-	-	22,25	22,25	0,025	10min 55 sec
20	16,67	2	1,85	-	-	22,25	22,25	0,05	3 min 37 sec
20	16,67	2	1,85	-	-	22,25	22,25	0,2	1 min 42 sec
20	16,67	2	1,85	-	-	22,25	22,25	0,4	1 min 02 sec
20	16,67	2	1,85	-	-	22,25	22,25	0,6	50 sec
20	16,67	2	1,85	-	-	22,25	22,25	0,8	35 sec
20	16,67	2	1,85	-	-	22,25	22,25	1	29 sec

* Material Temperature

II. Longer reaction times at 40 °C*

We advise the use of the TEKINJECT AC RETARDER at temperatures as from 40°C if long reaction times should be required.

Solution 1						Solution 2			Reaction times at 40°C
Resin		Acc		Retarder		Water		NPS	
kg	l	kg	l	l	kg	kg	l	kg	
10	8,33	0,5	0,465	0,2	0,2	11,13	11,13	0,025	23 min 05 sec
10	8,33	0,5	0,465	0,3	0,3	11,13	11,13	0,025	28 min 03 sec
10	8,33	0,5	0,465	0,4	0,4	11,13	11,13	0,025	47 min 02 sec

Solution 1						Solution 2			Reaction times at 40°C
Resin		Acc		Retarder		Water		NPS	
kg	l	kg	l	l	kg	kg	l	kg	
20	16,67	1	0,93	0,4	0,4	22,25	22,25	0,05	23 min 05 sec
20	16,67	1	0,93	0,6	0,6	22,25	22,25	0,05	28 min 03 sec
20	16,67	1	0,93	0,8	0,8	22,25	22,25	0,05	47 min 02 sec

* Material Temperature

III. Company details

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