



2008 EBT Storm San Marino Open

July 12 · July 20 · 2008

Rose 'n Bowl · Serravalle San Marino

The following are the technical details for Rose 'n Bowl and the pattern details for the 2008 EBT Storm San Marino Open.

Lane Surface
System 300

Pinsetters and Pins
Via | Switch

Lane Maintenance Machinery
Kegel Kustodian Ion

Lane Conditioner
Kegel Infinity

Lane Cleaner
Kegel Defense C mixed at 5 to 1

Lane Cleaner Volume
180 mL per lane

Pattern Distance
39 Feet

Pattern Volume
Forward Oil 11.76 mL
Reverse Oil 10.56 mL
Total Oil 22.32 mL

Side to Side Ratios
22' 3.7 to 1
37' 2.9 to 1

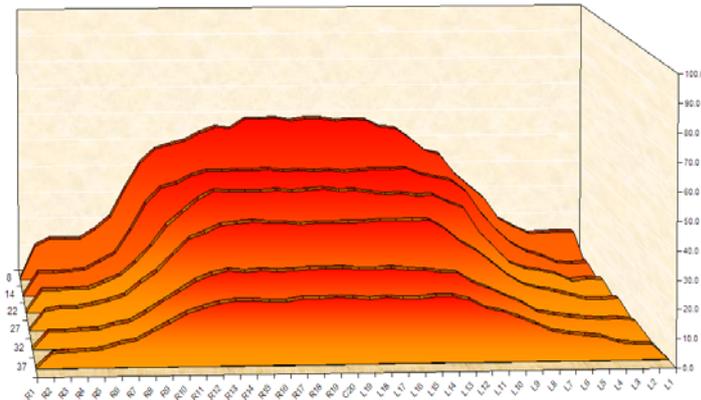
Front to Back Taper Ratios
Outside Taper 3.0 to 1
Inside Taper 2.7 to 1



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Side to Side Ratios

22' 3.7 to 1
37' 2.9 to 1



The 2D chart on the left shows select Lane Monitor tapes at key distances throughout the pattern.

We are using USBC Sport Bowling ratios which are calculated at 22' and 2' before the end of the pattern.

Side to Side ratios in the last half of the pattern can be an indicator of the difficulty of a pattern.

Generally, the lower the ratios down lane, the more difficult the pattern.

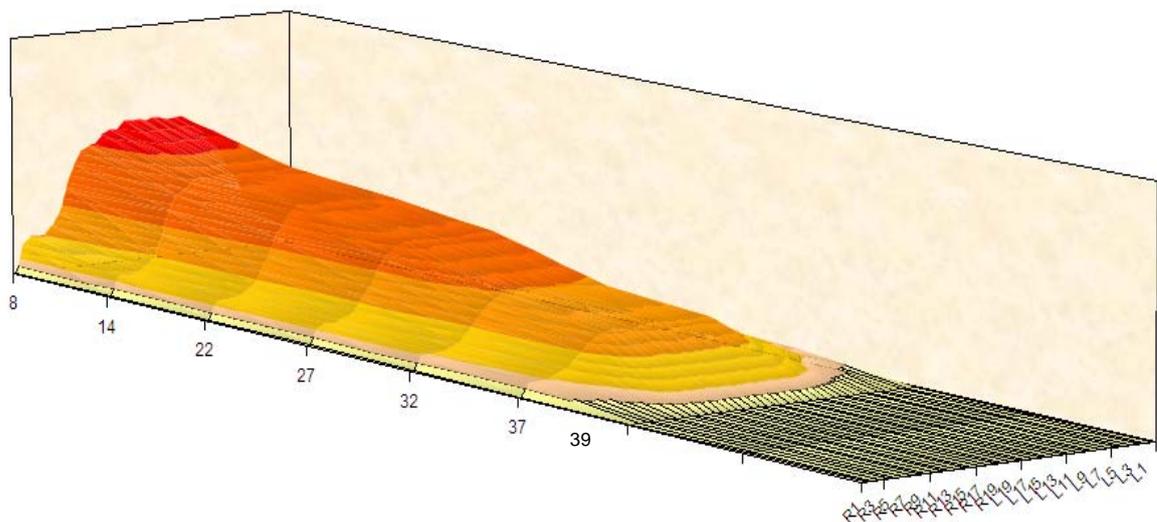
08' 2.8 to 1	27' 3.5 to 1
14' 3.4 to 1	32' 3.2 to 1
22' 3.7 to 1	37' 2.9 to 1

Front to Back Taper Ratios

Outside Taper 3.0 to 1

Inside Taper 2.7 to 1

The 3D chart below gives a visual of how the conditioner tapers off from the front end of the pattern to the back end of the pattern.





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Kegel Sanction Technology™ Lane Machine Settings

Oil per Board (Pump Setting): 40 µL

Pattern Distance: 39 feet

Total Volume: 22.32 mL



	Start	Stop	Loads	Speed	Crossed	Start	End	Feet	T.Oil
1	2L	2R	3	14	111	0.0	3.9	3.9	4,440
2	6L	6R	1	14	29	3.9	5.8	1.9	1160
3	9L	8R	1	14	24	5.8	7.7	1.9	960
4	10L	9R	2	18	44	7.7	12.8	5.1	1760
5	12L	11R	3	18	54	12.8	20.4	7.6	2160
6	13L	12R	2	18	32	20.4	25.5	5.1	1280
7	2L	2R	0	18	0	25.5	29.0	3.5	0
8	2L	2R	0	22	0	29.0	34.0	5.0	0
9	2L	2R	0	26	0	34.0	39.0	5.0	0

Forward Oil Volume: 11.76 mL

Forward Boards Crossed: 294

	Start	Stop	Loads	Speed	Crossed	Start	End	Feet	T.Oil
1	2L	2R	0	30	0	39.0	29.0	-10.0	0
2	14L	13R	1	18	14	29.0	26.5	-2.5	560
3	11L	10R	3	18	60	26.5	18.9	-7.6	2400
4	8L	8R	2	18	50	18.9	13.8	-5.1	2000
5	6L	6R	1	14	29	13.8	11.9	-1.9	1160
6	2L	2R	3	14	111	11.9	6.0	-5.9	4440
7	2L	2R	0	14	0	6.0	0.0	-6.0	0

Reverse Oil Volume: 10.56 mL

Reverse Boards Crossed: 264



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The charts on this page are generated by Kegel's KOSI lane machine software from the Sanction Technology lane machine program sheet.



The **OVERHEAD CHART** on the right shows where the conditioner is applied on both the forward and reverse screens. The gradient area is a calculation of how the conditioner might bleed off the buffer brush.

The **COMPOSITE GRAPH** below shows the total amount of conditioner applied to every board. A good way to think about this graph is to envision all the conditioner on the lane being pushed back to the foul line. Once all the conditioner is stacked up, this is what it would look like.

