



Royal Life Saving

THE ROYAL LIFE SAVING SOCIETY WESTERN AUSTRALIA INC

Everyone can be a lifesaver!



Saving Lives+

Use of Inflatable Devices 2016 Update



Separation Distance



- 2m minimum separation distance

or twice height of slide up to 6m



Minimum Pool Depth



Height of Product
(minus 5% for load)

+

Height of Person
(1.8m)

/2

=

Min Pool Water Depth



Anchor Points



Anchor points
calculated by
manufacturer

(to handle a min
of 40kph wind
– 160kg force)

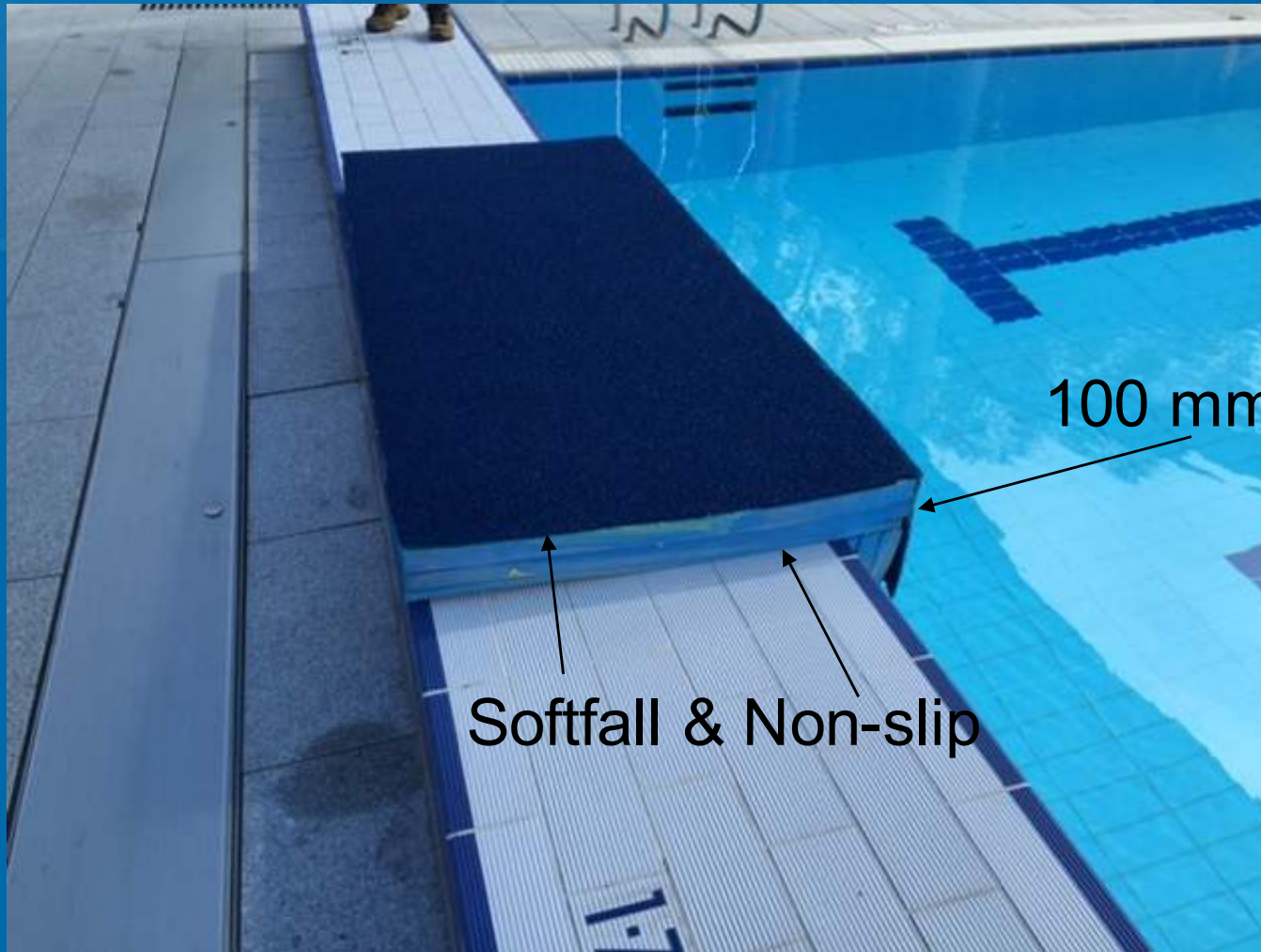


Entry Matting

- Non-slip matting 900mm x 1200mm on the pool edge surface – guide only and dependent on bulkhead dimensions
- 100mm turn down the edge into the pool – easily achieved
- Can be purchased locally and customised for individual pools



Entry Matting

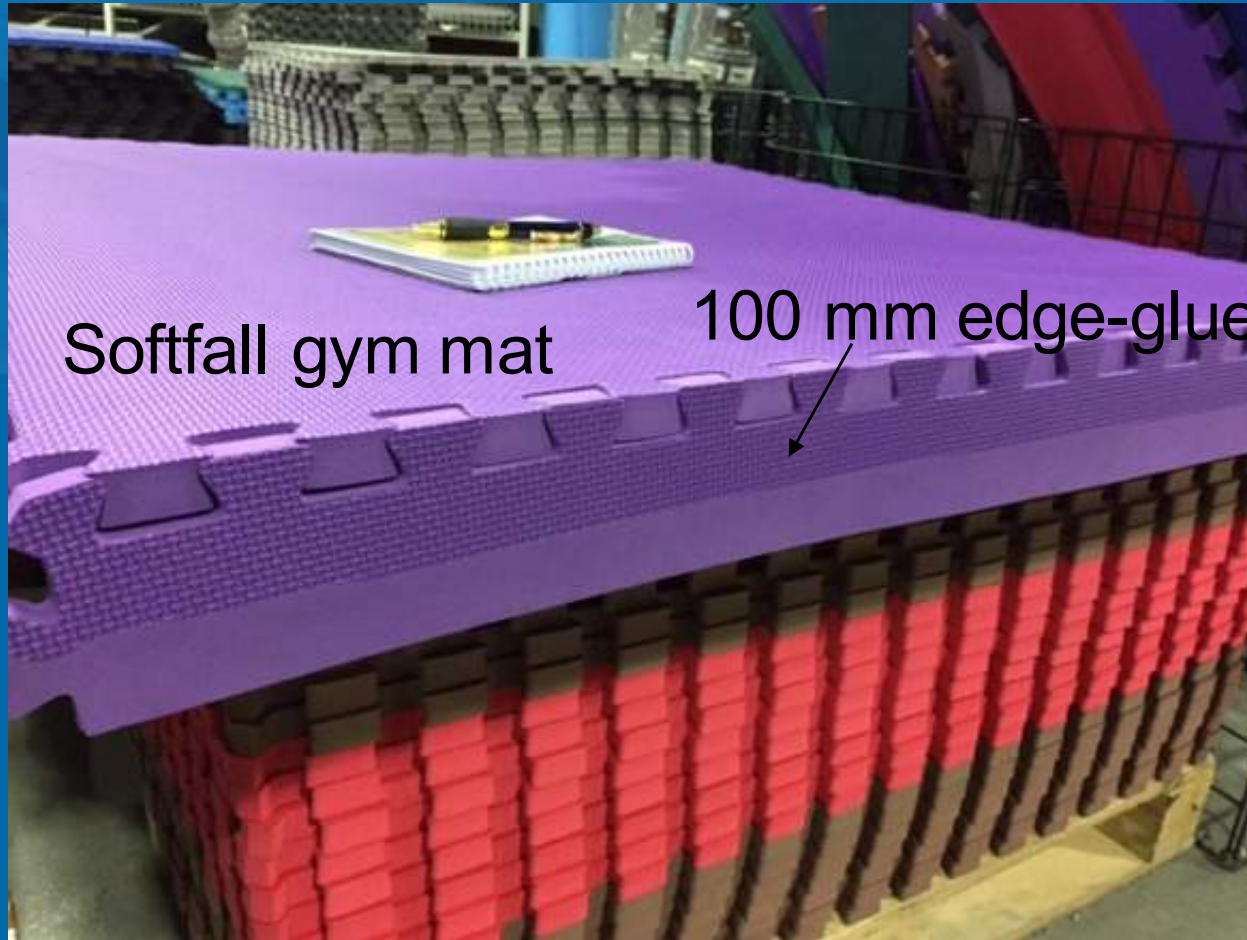


100 mm edge

Softfall & Non-slip



Entry Matting



Softfall gym mat

100 mm edge-glued



Entry Matting



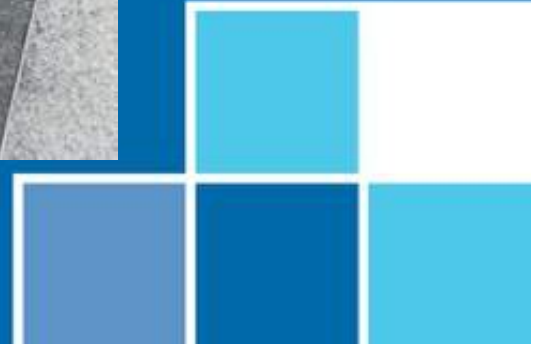
Softfall gym mat
sits on non-slip
mat that can be
cut and
customised to
pool bulkhead



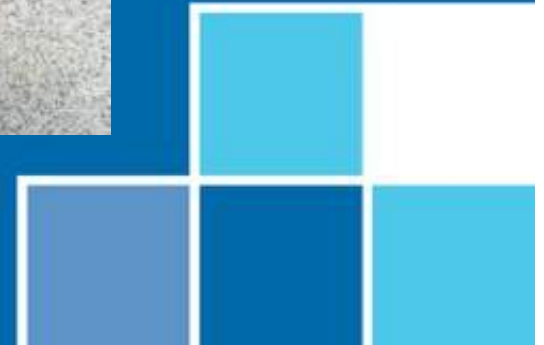
Blower Security



Blower Security



Electrical Compliance



Electrical Compliance



Audible Alarm is required if stipulated by manufacturer.



Rules of Play

- Rules of play clearly displayed at or near the point of entry



Supervision

- Constant observation of all activity on, around and under the device with consideration for lines of sight, facility design and environmental factors.
 - Admitting patrons of differing ages/abilities
 - Separating user groups
 - Preventing re-climbing
 - **Supervisor over 18 years –new!!!**
 - **Exemptions from Worksafe**



Buying a New One!



Saving Lives+



Current practice

Inflatable Device	Length (m)	Width (m)	Height (m)	Number of Lifeguards
1	15.0	2.0	2.0	1
2	14.0	3.2	4.0	1
3	16.0	2.5	3.5	1
4	13.5	2.5	2.5	2
5	18.5	5.0	3.3	2
6	9.0	1.7	1.4	2
7	3.2	1.3	0.7	1
8	16.0	2.0	2.0	2
9	15.0	3.0	2.0	1
10	15.4	3.0	2.8	2
11	15.0	1.5	2.0	1
12	15.0	2.0	3.0	3
13	14.2	1.7	1.0	2
Average	13.8	2.4	2.3	2

Buying a New One!

- Information to be provided by manufacturer:
 - Height, min depth and space required.
 - Anchorage.
 - Patron restrictions
 - Patron numbers
 - Intended use
 - Max wind speed



Risk Assessment

- Operator shall prepare a risk assessment.
 - COP assessment been upgraded
 - Supervisor over 18 years
 - Compliance with WorkSafe requirements
 - Registration not required



Things to consider...

- The end point of the device!



Things to consider...

- The end point of the device!



Things to consider...

- Guard rails!



Things to consider...

- Adequate starting platform

