

NRL Arena Specifications:

- 1 Arena should be at least 12' x 12' in size.
- 2 Panels should be made from at least ¼" polycarbonate. (*see below)
- 3 Door(s) should be at least 3' x 5'.
- 4 Bumpers should be at least 6" tall, and not more than 12' tall.
- 5 There should not be any cracks or holes in the arena that robot debris can escape from.
- 6 Polycarbonate should be looked at after each competition or any match that may have affected the integrity of the polycarbonate. If any panel is damaged it should be replaced before the next competition.

*Worst Case: Humdinger 2's beater breaks in half at full speed (4,000 rpm) and flies at the wall. It would hit the wall with 287 joules of energy. According to the table, 4mm thick polycarbonate would be sufficient for this energy.