

## USA RESIDENTIAL PLAYGROUND SAFETY WARNING FOR PLATFORMS\*

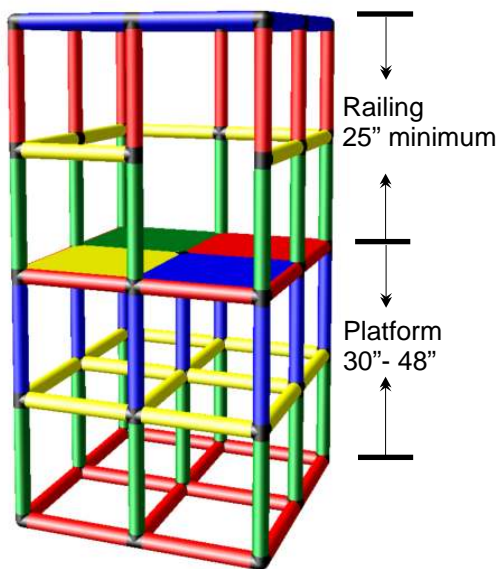
Over the years, USA home playground safety standards (ASTM 1148) have been upgraded. In order to comply with these standard, we are issuing the following instructions which apply to all residential structures and play equipment created with our components.

Some older instructional manuals do NOT contain information on these USA railing and barrier requirements.

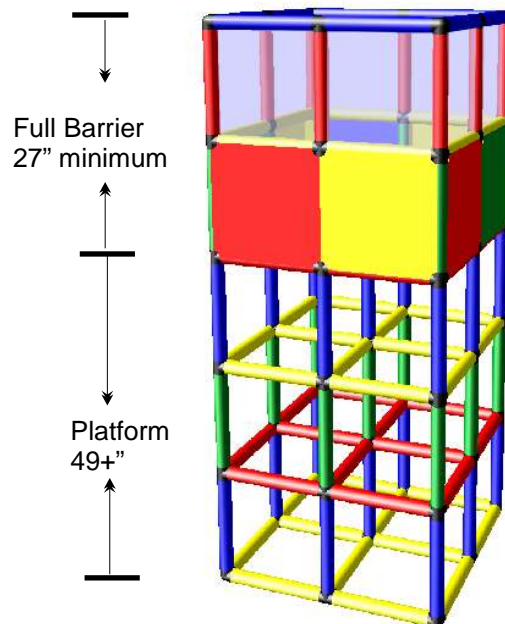
### Specifications:

*Standard Consumer Safety Performance Specification for Home Playground Equipment. American Society for the Testing of Materials (ASTM) F1148 Home Playgrounds*

1. Elevated surfaces less than 30" above the protective surfacing do **not** require guardrails
2. Elevated surfaces between 30" and 48" above the protective surfacing requires **guardrails** with minimum 25" height
3. Elevated surfaces over 48" above the protective surfacing requires a protective **barrier** with minimum 27" height



Platform over 30" from protective surface requires a **guardrail** a minimum 25" high

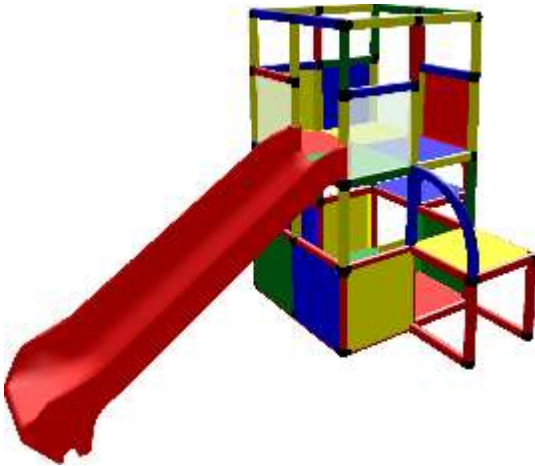


Platform over 49" from protective surface requires full **Barrier** a minimum 27" high

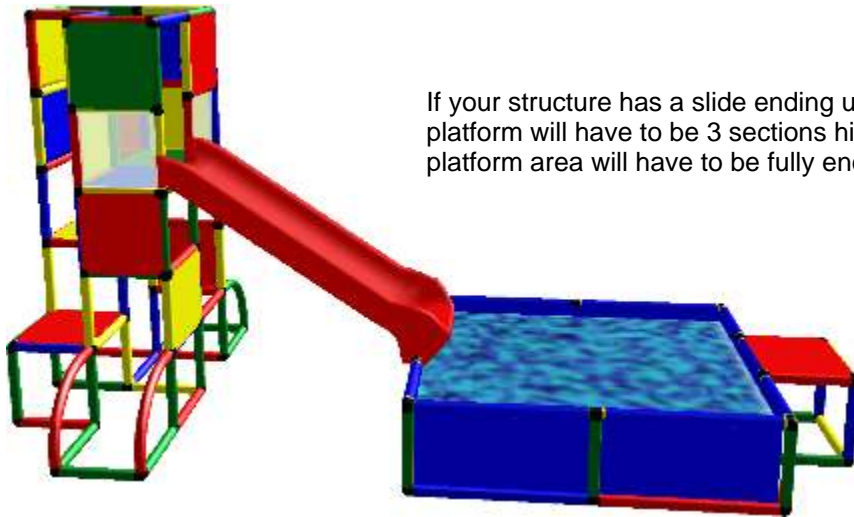
*To avoid "head entrapment", do not use 15cm tubes without appropriate 1/2 panel enclosures*

To enclose the "**barrier**", you can use either the regular panels or you can order 1/4" plexiglass panels. Plexi panels can be ordered locally if you have a hardware store or plexiglass dealer who can cut for you into squares 13.78" x 13.78". You will have to order the special U-clips to hold the plexi in place from Phunzone.

## EXAMPLES



Residential play structures with a slide platform only need an open railing; however, we recommend that at least part of platform enclosure be closed off.



If your structure has a slide ending up on the edge of a pool, your platform will have to be 3 sections high (48") - and therefore the platform area will have to be fully enclosed.

To enclose the platform "**barrier**", you can use either the regular panels or you can order 1/4" plexiglass panels. Plexi panels can be ordered locally if you have a hardware store or plexiglass dealer who can cut for you into squares exactly 13.78" x 13.78". You will have to order the special U-clips to hold the plexi in place from PhunZone.

Next to either side of the slide, you cannot use regular solid plastic panels - you need to use "notched" plexi panels (See plexi panel instructions).