



980 Memorex Dr. Santa Clara, CA 95050

Phone: 408-244-9848 / Fax: 408-330-9256

customerservice@playgroundsunlimited.com / www.playgroundsunlimited.com

Safepour™ “Standard” & “Premium” EPDM Poured-in-Place

Fall Height to Required Thickness Chart

<u>PIP Model Number</u>	<u>Fall Height (feet)</u>	<u>Required Thickness (inches)</u>
SPS EPDM 4	4' and below	2" minimum
SPS EPDM 5	5'	2.5"
SPS EPDM 6	6'	3"
SPS EPDM 7**	7'	3.5"
SPS EPDM 8**	8'	4"
SPS EPDM 9**	9'	4.5"
SPS EPDM 10**	10'	5"
SPS EPDM 11**	11'	5.5"
SPS EPDM 12**	12'	6"

**Safepour has increased the required “minimum” thickness by (+).5” for all models 7’ and above based on the IPEMA recommendation to install a surface that performs well below the passing limits in the ASTM F1292 standard.

Determine the fall height of play equipment and refer to the chart above to determine the thickness of the protective surfacing required to meet the minimum critical fall height impact criterion.

- Fall height can be determined by measuring the vertical distance between a designated play surface and the surface beneath it; the distance from the top of decks, slide entrance, play events, and overhead upper body equipment to the top of the play surface finish grade.
- Fall height or CFH of play equipment is often provided on the play equipment manufacturers drawing or included in architectural plans and specifications for reference; be sure to field verify heights.

Definitions

***Fall Height:** the vertical distance between a designated play surface and the surface beneath it.

***Designated Play Surface:** any elevated surface for standing, walking, sitting, or climbing, or a flat surface greater than 2.0” wide by 2.0” long having less than 30* angle from horizontal.

***Critical Fall Height (CFH):** the highest theoretical drop height from which a surface meets the impact attenuation performance criterion of ASTM F1292-17.

*The Critical Fall Height (CFH) of surfacing shall not be less than the fall height of the play equipment to be compliant with ASTM F1292.