PowerRack 1200

Patent Protected

powerfield
Build Fast. Power More.

Ballast Fill Field Reference

Interior fill capacity by depth | Guide only, stamped engineering required

INTERIOR FOOTPRINT	MAX BALLAST	FILL DEPTH RANGE
25.6″ W × 31.83″ floor	**740 lbs / unit**	**7″–14″ (178–356 mm)**

Ballast Weight by Fill Depth

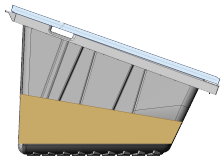
lbs per PowerRack 1200 unit (kg below) · values per PR1200 Product Datasheet

FILL DEPTH	VOLUME (FT³)	GRAVEL (LBS)	SAND (LBS)	SOIL (LBS)
7″ 178 mm	3.25 0.092 m³	**328** 149 kg	312 142 kg	290 132 kg
10″ 254 mm	4.31 0.122 m³	**468** 212 kg	444 201 kg	413 187 kg
11″ 279 mm	4.84 0.137 m³	**515** 234 kg	489 222 kg	455 206 kg
13″ 330 mm	5.65 0.160 m³	**609** 276 kg	579 263 kg	538 244 kg
14″ 356 mm	5.93 0.168 m³	**655** 297 kg	623 283 kg	580 263 kg

Fill Level Visual Reference

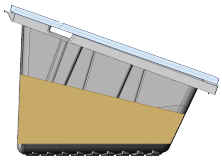
cross-section, fill pushed to rear wall, sloping toward front

10″



254 mm · 468 lbs gravel

14″



356 mm · 655 lbs gravel

FIELD NOTES

- Measure depth at the rear wall (highest point), not the front edge.
- Densities vary with moisture and compaction; weigh a sample if precision is needed.
- Final ballast spec is set by stamped site engineering and must govern.

QUICK LOOKUP · HOW TO USE

1. Get the required ballast weight per rack from the stamped engineering drawings.
2. Match the weight column for your fill material (gravel / sand / soil) to find the target depth.
3. Use the visual reference above to verify the fill level on-site.

EXAMPLE: Spec calls for 468 lbs → use gravel at 10″ depth.

WARRANTY NOTICE

OVERFILLING VOIDS THE WARRANTY

Do not fill a PowerRack 1200 beyond its recommended ballast weight. Ballast that exceeds the weight specified for that rack on the stamped project ballasting diagram, or the 740 lbs per unit maximum, **voids the PowerRack 25-year warranty**. Fill to the specified weight only — if a rack needs more ballast than the diagram shows, stop and contact PowerField.

Material Selection

weights at 14″ depth shown for direct comparison

GRAVEL	SAND	SOIL
655 lbs @ 14″	**623 lbs @ 14″**	**580 lbs @ 14″**
Best for high-ballast targets; drains well; most durable.	Consistent; easy to pour and level; flows well.	Lightest per volume; native fill option.

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