Prefabricated PowerPlay™ Cradles are manufactured with recessed resilient pad housing to limit pressure when applying heavy non-athletic impacts. Aacer’s cradle floor system provides desired shock absorption and ball response. Air-flow pockets directly below the floor surface and concrete anchorage provides added stability and uniformity.
PowerPlay™ Cradle provides desired resiliency and basketball rebound, protective recessed pad housing, beneficial airflow, and stabilizing concrete anchorage.

1. Precision-milled Aacer Maple
2. Heavy-Duty Concrete Fastener
3. Pre-manufactured Panels
4. Recessed ECO Resilient Pad
5. Vapor Retarder
6. Concrete Substrate

WALL BASE
1. 3” x 4” (76mm x 101mm) Vent Cove Base
2. 1 1/2” (38mm) Min. Expansion Space
3. PowerPlay Cradle Subfloor Panel
4. Recessed Resilient ECO Pad
5. Concrete Anchor Pin Assembly
6. 25/32” (20mm) MFMA Maple Flooring
7. Vapor Retarder

1-7/8” (48mm)

THRESHOLD
1. 1/4” (6mm) Aluminum Threshold
2. 1 1/2” (38mm) Min. Expansion Space
3. Solid Blocking at Doorway
4. PowerPlay™ Cradle Subfloor Panel
5. Recessed Resilient ECO Pad
6. 25/32” (20mm) MFMA Maple Flooring
7. Vapor Retarder

1-7/8” (48mm)

EQUIPMENT
1. Floor Plate
2. 1 1/2” (38mm) Min. Expansion Space
3. Concrete Floor Penetration
4. Solid Blocking at Insert

Collared Steel Drive Pin

• FSC® Certified Maple - MR
• FSC® Certified Subfloor Components - MR
• Environmental Quality - 4.2
• Regional Materials - MR

1/2” (12mm) ECO Pad

• 25/32” (20mm) flooring - 1 7/8” (48mm)
• 33/32” (26mm) flooring - 2 1/8” (54mm)

PowerPlay™ Cradle provides desired resiliency and basketball rebound, protective recessed pad housing, beneficial airflow, and stabilizing concrete anchorage.

It is the policy of Aacer Flooring to continuously improve its line of products. Therefore, Aacer Flooring reserves the right to change, modify or discontinue systems, specifications and accessories of all products at any time without notice or obligation to purchaser.