

# PLAYCORE®

## Poured in Place Surfacing



### Site Preparation:

- Area must be excavated to remove all organic materials that will decompose, settle, & affect surfacing
- Drainage must be addressed as safety surfacing is porous
- Suitable sub-base & edging installed (options below)
- ADA compliant grading needed



### Sub-base Options:

- A. Crushed Aggregate – Comprised of a 4” minimum of 3/4” crushed stone
- B. Concrete – Existing concrete must be free from major cracks & damage. New concrete must have a minimum of 14 days to cure.
- C. Asphalt – Existing Asphalt must be free of any major cracks & damage. New Asphalt must have a minimum of 30 days to cure & must be power washed 3 separate times

### Edging Options (Borders):

- A. Concrete
  - B. Treated Timbers
  - C. Rubber Curbs
  - D. Beveled Edge- Angling surfacing down to grade (can't be done with stone)
  - E. Turn Down Edge- Angling surfacing down below grade, to be later back-filled by EWF, grass, etc.
- \*PIP will not adhere to plastic timbers\*



### PIP System:

- Thickness of surfacing is dependent on the fall height of the play equipment
- Wear course is made of TPV, cushion layer is made of Chunk (pre-consumer, post-industrial rubber)
- Wear course only installations (no attenuating layer) must be installed over asphalt or concrete
- Areas within the use zone of equipment must contain safety surfacing (communicated in square footage)

### Urethane Options:

- A. Aromatic (Standard, subject to amber)\*
- B. Aliphatic (Premium, does not amber)

\*Ambering effect is temporary & mechanically wears off over time. It is an issue with aesthetics but does not hurt or compromise the longevity of the rubber.



### Maintenance/Installation:

- Routine cleaning of debris on surface, power washing when necessary, Using approved products to clean surfacing. Work performed by owner
- Maintenance spray coating strengthens the urethane bond of the pad, Makes existing colors more prevalent and increases longevity Recommended every 3-5 years based on use. Work is performed professionally
- Repair options include patch repairs, seam repairs, perimeter repairs, or 1/2” wear course re-tops. Work is performed professionally
- 50° and rising and no precipitation needed for installation. 70° for aliphatic

### Color Blends:

- 50/50 color is most popular (50% colored granules, 50% black granules)
- Other blends include 75%/25%, 33/33/33, etc., up to 100% color.
- Black/Colored granules are different types of rubber, higher color concentration leads to a stronger surface (50% black is the max)

