Infilled Synthetic Turf Paint

The Real World Experience

Pioneer & Synthetic Turf
How did we get this experience?

- Hands on at customer facilities
  - Synthetic Turf Paint
    - Over 1,500 facilities in 2010 alone
    - Over 30 years of designing paint for synthetic turf
  - Removing
    - Our paint
    - Other paint
- Thousands of evaluations at our outdoor synthetic turf research facility
  - 18 types of turf from 9 Builders
Types of Paint

- Aerosol Chalk
- Removable Paint
- Durable Paint
- Non-synthetic turf paint
Types of Paint

• Aerosol chalk
  – Applies quickly and easily
  – Can withstand light play but not rain
  – Rinse off with water and light agitation
  – Many brands of aerosol will lightly stain inlaid lines and logos
Types of Paint

• Removable Paint
  – Lasts weeks or months
  – Can withstand moderate weather and wear
  – Water based
  – Remover solution dissolves binder
  – Agitate and rinse through infill
Types of Paint

• Durable paints
  – Last up to a year depending on traffic
  – Removable only with aggressive mechanical agitation and specialized chemical remover solution
Types of Paint

• Non-Synthetic Turf Paint
  – Wall Paint
  – Grass Paint
    • Bulk
    • Aerosol
  – Traffic Paint
  – Many are re-labeled (paper) as synthetic turf paint
Way Too Much of the wrong paint
House Paint Build Up
Ghosting
Keys to a Good Paint Job

Key Points

- Use an airless striping machine
- The perfect weather conditions are warm & dry
- Use paints specifically designed for synthetic turf.
- Groom before painting
Low Pressure Machine
Keys to a Good Paint Job

Dry to Touch Does Not Mean Paint is Cured

- Dry to the touch means the water has evaporated!
- Cured means the glue has formed a solid bond!
- Paint can dry to the touch, sit under dew, re-saturate and smear all over!
- If indoors, use fans if necessary
- More paint is not better
Removing Removable Paint

• Apply Remover Solution
  – Dissolves binder
  – You will see a slight color change

• Agitate
  – Deck brush
  – Mechanical equipment

• Rinse through infill
  – Do not use too much water
Keys to Removal

- Remove when surface temperature is below 100 degrees
  - Summer hours:
    - 5 am to 10 am
    - 7 pm to done
Keys to Removal

- Removal works best on fields with good drainage
- Poor drainage = puddling
  - Pigment floats and settles on top of fibers
    - 4” line becomes an 8” inch shadow
- Groom after paint removal when field is dry
Other tips

• Where possible, don’t paint over inlaid or tufted lines!!
Graffiti

N.R.G