

Topical Fix for Tuft Bind "Slip Lock"

DEFINITION

- “Slip lock” is a single fiber releasing from a monofilament tuft
- Full tuft bundles meet specification @ > 8 pounds per tuft pull
- Typically single fibers “J” hook, then release over time



SITUATION

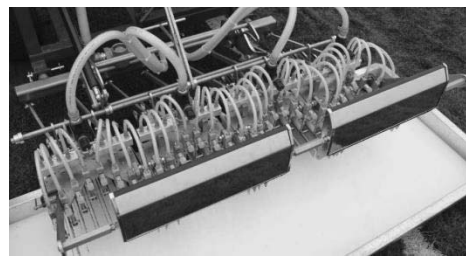
- A small number of early Revolution field installs have suffered from P/U breakdown on the backing which causes primarily tuft slip lock.
- Site evaluations have been performed to determine the areas that may need to be addressed
- A team of Beynon and FieldTurf colleagues developed a latex compound suitable for non-intrusive / topical application.
- Topical injection process was developed to address these issues with tuft bind and/or slip lock performance.
- This latex compound has been applied successfully ~12 fields during 2014-15
- To improve the process of application, a large, self-contained and automated system was designed with an effective width of 48 inches

SOLUTION

- ✓ Beybond 199W – Latex compound was developed by Beynon Chemists
- ✓ Injectable viscosity allows seepage into existing tufts
- ✓ Provides increased tuft bind
- ✓ Provides acceptable drainage even at 2X application rate of standard PU
- ✓ Dedicated trained staff
- ✓ FieldTurf owned operation
- ✓ Our testing to date indicates
 - ✓ NO negative impact on drainage
 - ✓ NO negative impact on underlayment / Brock
 - ✓ NO negative impact on E layer
- ✓ Non-Invasive process

OVERVIEW REMEDIAL PROCESS

- Manpower: 6/7 Crew members
- Duration: ~7 Days (weather dependent)
- Removal: Redexim Eliminator
 - Extract Infill in (3) distinct layers and bag
 1. "B" rubber
 2. Blended Center Layer
 3. Sand Ballast layer
- Storage: 3 Layer removal staged on site
- Application: Applied on site
 - When all of the infill is removed on ½ of the field- the Turf Application Unit (TAU) is staged and prepared for injection.
 - 64 injectors are calibrated to provide consistent coverage of 46.5"
 - 4 passes required for each 15' panel, passes are sideline to sideline in the same direction as the manufactured materials.



- In-Fill: Replaced in a 3 layer process

From: Tim Coury <tcfieldturf@cox.net>
Sent: Friday, October 09, 2015 9:15 AM
To: Jones Lorin; 'Marian Scholle'
Cc: Meyette Wes; Lococo Jack; Good James; Tomovich Thomas; Cunningham Jim
Subject: RE: Patrick Henry
Attachments: FieldTurf SlipLock Remediation.pdf

Larry:

The attached pdf summarizes the remediation process. As mentioned, I have also included at no charge for PHS:

- A new midfield logo
- New Football Numbers
- New LAX Crease Areas

Please confirm we can start on Nov 30 and finish the work end of day Dec 6.
The field will look fantastic when we are finished !

Tim Coury
FieldTurf
760-635-2504

From: Jones Lorin [<mailto:ljones@sandi.net>]
Sent: Friday, October 09, 2015 7:03 AM
To: Tim Coury; 'Marian Scholle'
Cc: Meyette Wes; Lococo Jack; Good James; Tomovich Thomas; Cunningham Jim
Subject: RE: Patrick Henry

Tim,
Thank for getting on this issue, Can you please give us a run down on what will happen during the repair process.

From: Tim Coury [<mailto:tcfieldturf@cox.net>]
Sent: Thursday, October 08, 2015 3:10 PM
To: 'Marian Scholle'
Cc: Jones Lorin
Subject: RE: Patrick Henry

Nov 30 thru Dec 6 ?

From: Marian Scholle [<mailto:marians@byrom-davey.com>]
Sent: Thursday, October 08, 2015 2:39 PM
To: 'tcfieldturf@cox.net'
Cc: 'Larry Jones (ljones@sandi.net)'
Subject: Patrick Henry

Tim,

Larry received confirmation from the site at Patrick Henry HS and they are ok with the first week in December for the tuft bind repair. Please put it on your schedule. Thank you.

Marian Scholle

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