

# Acrylic Tennis Court Coatings

## Application Note

### Introduction:

Tennis court coatings are specialty paints with unique performance requirements. The coatings must resist wear yet remain flexible to absorb surface stresses. In addition to providing a positive aesthetic appearance, the coating covers minor surface cracks and imperfections.

### Significant Issue:

Interfibe cellulose fibers are an effective non-hazardous replacement for asbestos in this application. Interfibe FT imparts the desired thixotropy and reinforcement characteristics for tennis court and recreational surfaces

### Customer Objective:

Two primary properties pertaining to recreational surface color coatings are:

1. Finished Appearance: A smooth, uniform, non-glare surface is aesthetically important.
2. Surface Performance: Surface cracks and other imperfections are covered to prevent surface deterioration, while the coating remains flexible to withstand frictional and impact stress.

### Interfibe Solution:

Interfibe FT is a cost effective component to reinforce and thicken acrylic recreational coatings.

***interfibe***<sup>TM</sup>

*For further information, call  
your local distributor or  
Interfibe Corporation.*

**Phone: (800) 262-3771  
Fax: (216) 248-2132**

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TENNIS COURT COAT, (FOREST GREEN)  
COLOR CONCENTRATE

Raw Material	Lbs.	Gallons
Water	333.20	40.00
Colloid 691	5.50	0.74
Natrosol 250 HR	7.00	0.60
Tamol 731	5.00	0.57
Triton X-100	3.00	0.33
PMA-100 WSB	0.20	0.01
Interfibe FT	31.00	-----
Mica, 325 mesh	40.00	1.70
Silicia Flour, #1250	40.00	1.77
Chrome Oxide, G-7099	50.00	1.15

*Grind at high speed for 15 minutes at 4500 to 5000 r.p.m.  
To a smooth consistency*

### Add at slow speed:

Carbon Black Disp., Aquasperse W-7017	1.30	0.16
Chrome Green Disp., Aquasperse W-6013	3.00	0.33
Ethylene Glycol	25.00	2.70
Texanol	7.75	1.00
76 Res. 6510 (100% Acrylic)	230.00	26.43
Colloid 691	2.00	0.27
Water	<u>166.60</u>	<u>20.00</u>
<b>TOTALS</b>	<b>954.55</b>	<b>99.76</b>

### CONSTANTS:

Weight, lbs./gal.	9.57
Solids, % Weight	34.80
Solids, % Volume	27.50
Pigment Volume Conc.	30.40

### COMPOSITIONS FOR APPLICATION

#### Filler Coat:

Tennis Court Color Conc.	100 Gallons
Water	60 Gallons
Sand (Washed-70 mesh S.F.S.)	700 Pounds
<b>TOTAL</b>	<b>192 Gallons</b>

*Apply two coats at rate of 0.04 gal./sq. yard*

**TOTAL 0.08 Gal./sq. yard.**

#### Finish Coat:

Tennis Court Color Conc.	100 Gallons
Water	100 Gallons
<b>TOTAL</b>	<b>200 Gallons</b>

*Apply one coat at rate of 0.04 gal./sq. yard.*

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