

Court Surfacing Innovations

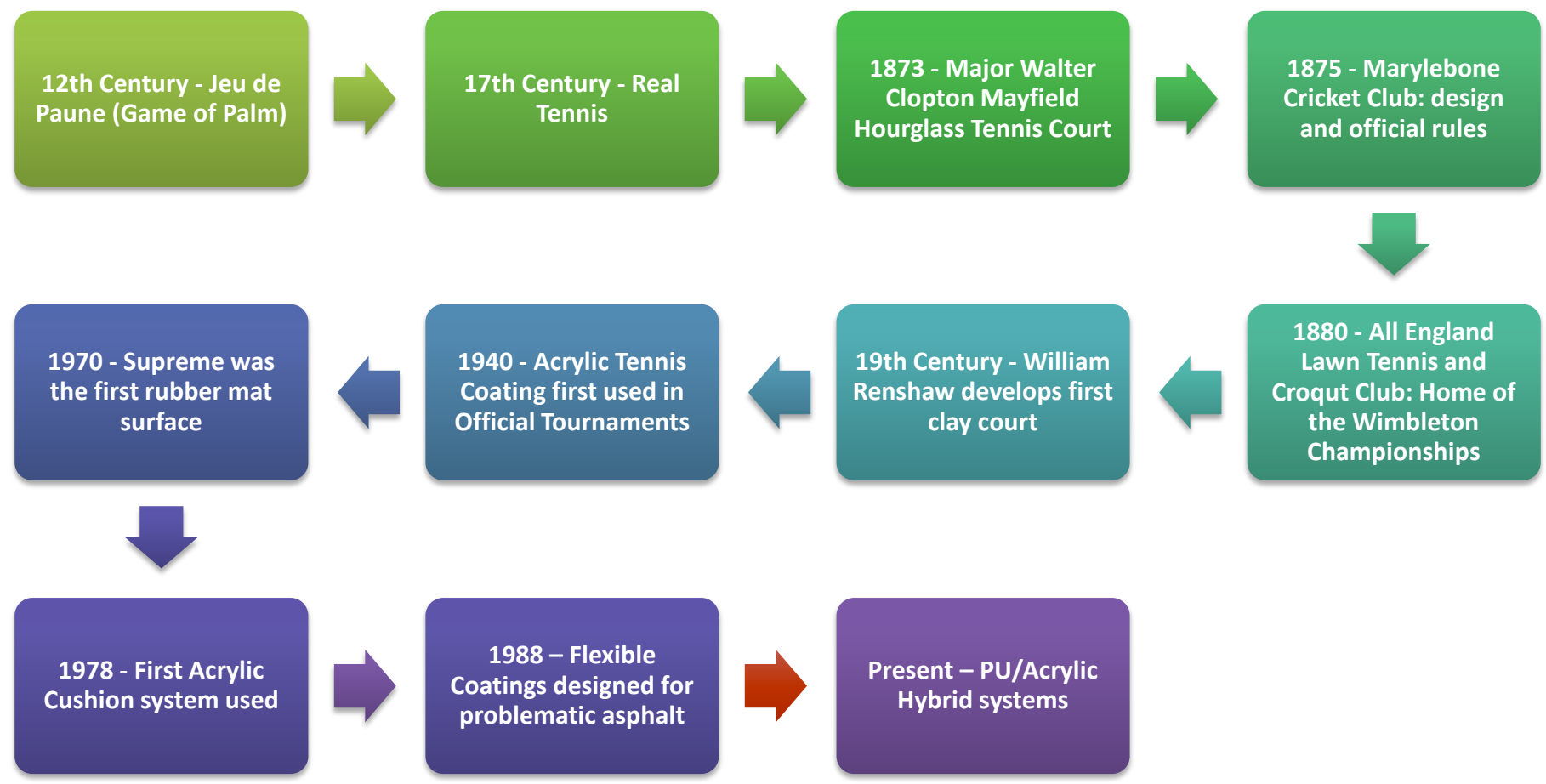
Jeff McClure – Fast-Dry Courts

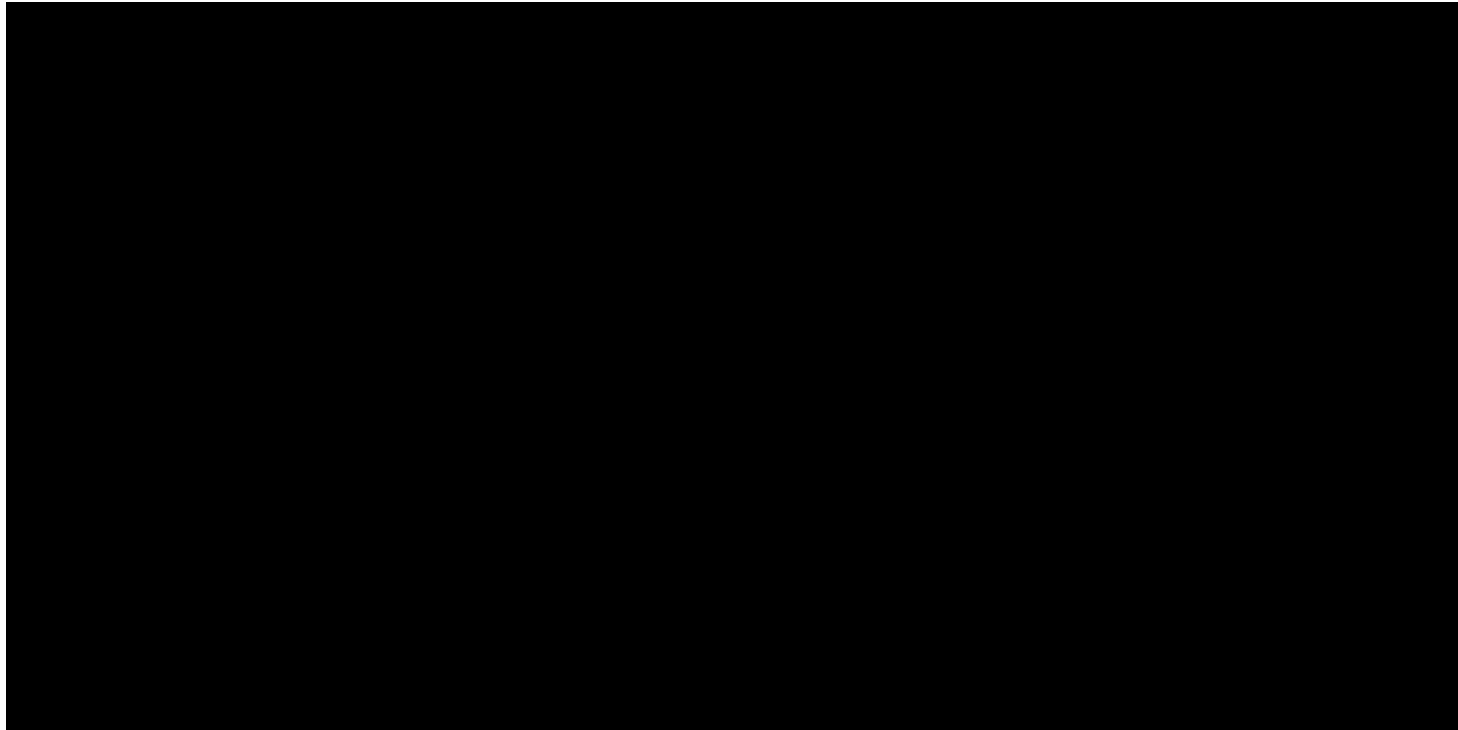
Wesley Baum – Advanced Polymer Technology

The Evolution of Sport Surfaces

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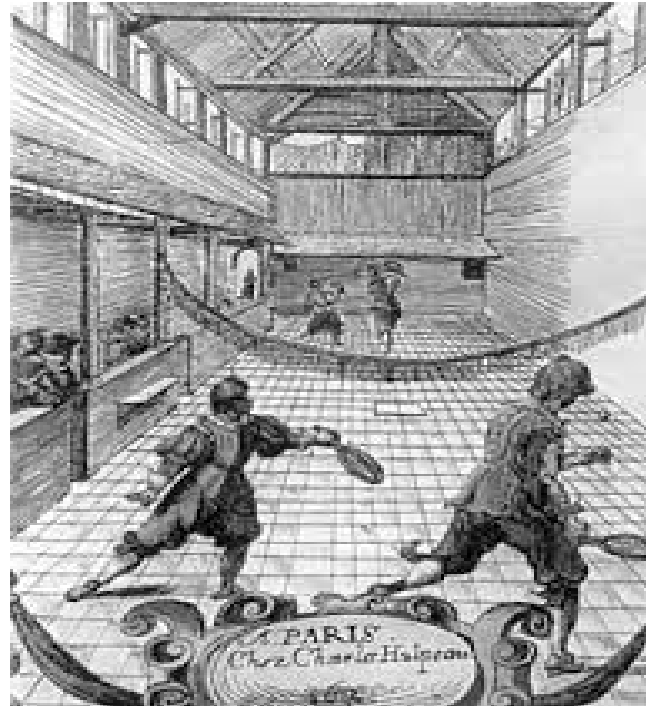




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12th Century: Origin of tennis – Jeu de Paume (Game of Palm): A French handball game



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17th Century – Real Tennis court by Henry VIII at his palace at Hampton Court



Oldest in Britain
Played on wood or stone

19th Century – Lawn Tennis is developed – Modern Tennis



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Lawn Tennis

1873 – Major Walter Clopton Mayfield patented the hourglass shaped grass court

1875 – Marylebone Cricket Club modifies the grass court to today's design and official rules

1880 – Wimbledon's All England Croquet Club adopts the sport and changes name to All England Lawn Tennis and Croquet Club

– Home of the Wimbledon Championships

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19th Century – William Renshaw covers his grass court with a thin layer of red clay powder to prevent the sun from scorching

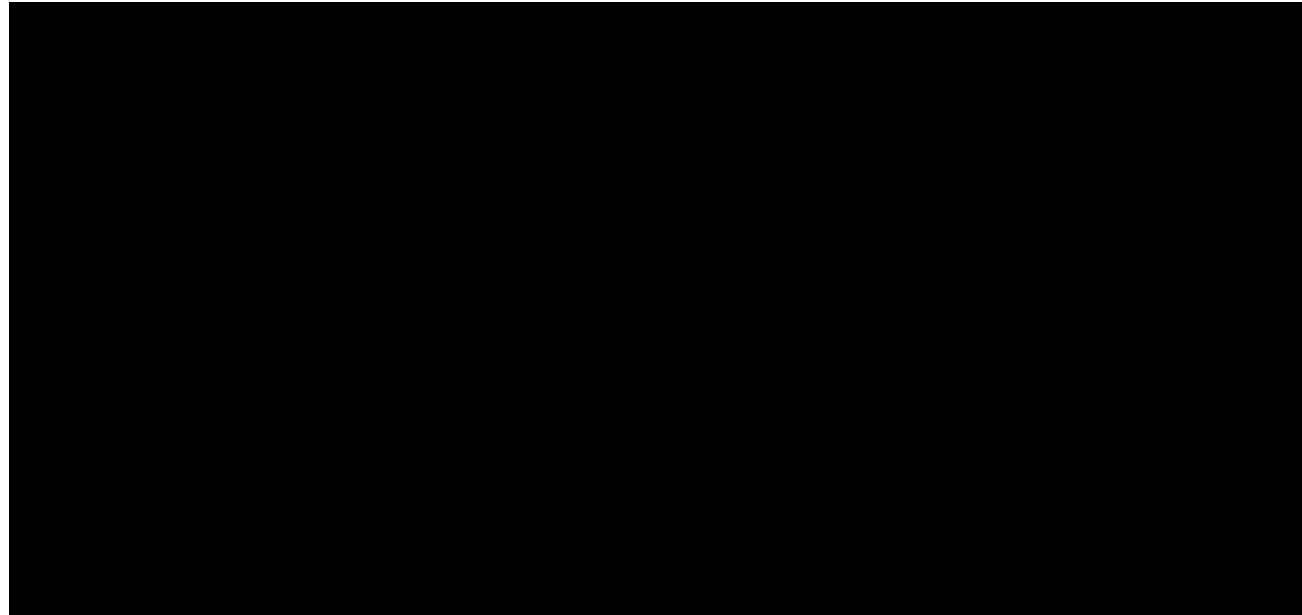


- French Open Championships at Roland Garros
- Mostly found in Europe and South America until 1980
- Virtually all the courts in Spain and Italy

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Clay Court



20th Century – Hard Courts, Carpet Courts, and Rubber Courts



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Hard Courts, Carpet Courts, and Rubber Courts

1940 – Acrylics were first used in official tournaments

1970 – Supreme was the first rubber mat surface and Sportsface was the first carpet surface

1978 – First Acrylic Cushion Court was used at US Open Championships

2001 – Flexible acrylics were introduced to combat the problematic asphalt issues

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21st Century – Polyurethane/Acrylic Hybrids



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Polyurethane/Acrylic Hybrids

Polyurethane Crack Filling products to replace Cementous Crack Fillers – Increased elongation

Portland infused Acrylic Resurfacer to replace Patch Mix Binder – Leveling pitted old asphalt

Water based Epoxy and Acrylic Hybrid Concrete Primers to replace straight Acrylic Primers – Increased adhesion

Moisture Mitigation Epoxy – Prevents moisture mitigation through concrete subbases

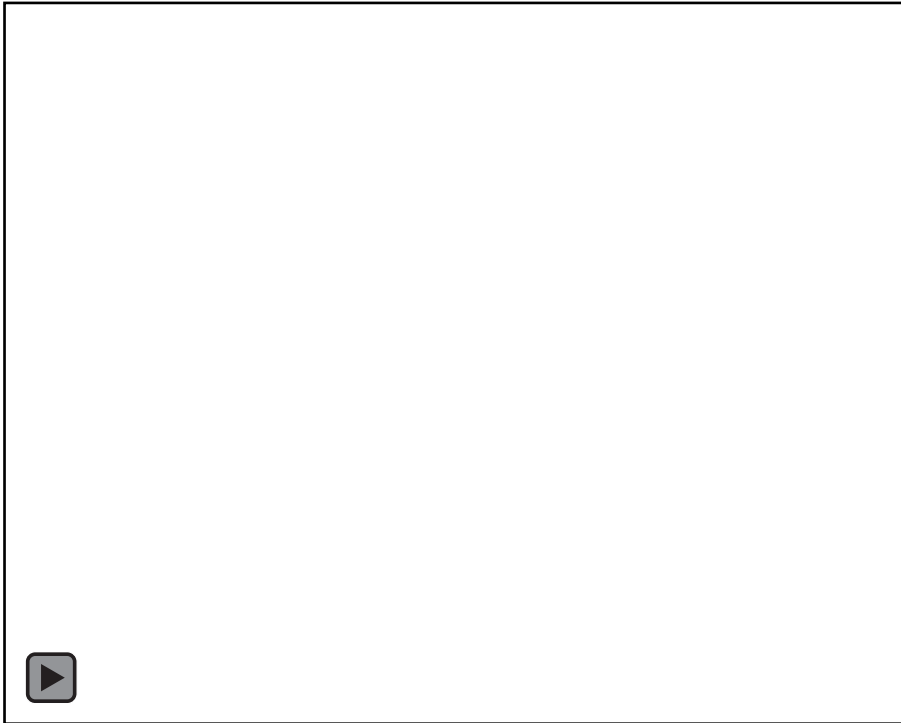
Acrylic systems over waterproofing membranes – Rooftop and Parking Garage installations

Polyurethane Primers to eliminate stains and rust spots

Full pour Polyurethane/Acrylic hybrid Cushion Systems

Installation of Polyurethane/Acrylic Hybrids

Preparation of Courts



Installation of Polyurethane/Acrylic Hybrids

Polyurethane Crack Filler

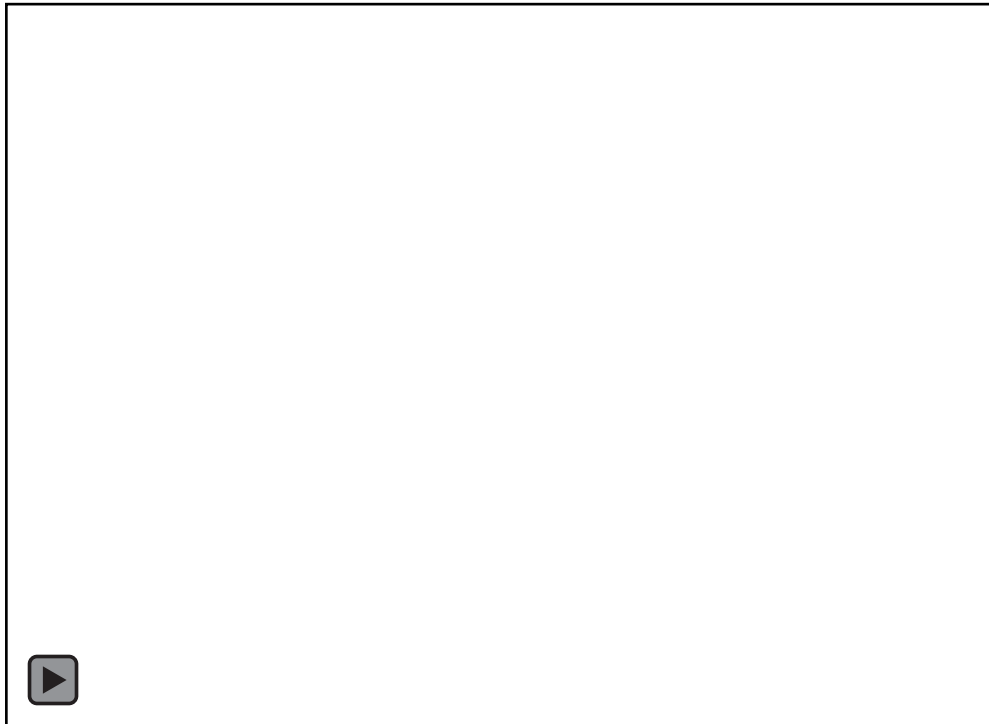


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Installation of Polyurethane/Acrylic Hybrids

Portland infused Acrylic Resurfacer



Installation of Polyurethane/Acrylic Hybrids

Epoxy Primer with Acrylic Color Coat



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Installation of Polyurethane/Acrylic Hybrids

Moisture Mitigation Epoxy



Installation of Polyurethane/Acrylic Hybrids

Waterproof Membrane



Installation of Polyurethane/Acrylic Hybrids

Top Coat



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Installation of Polyurethane/Acrylic Hybrids

Polyurethane Primer



Installation of Polyurethane/Acrylic Hybrids

Polyurethane Gel Cushion System



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Installation of Polyurethane/Acrylic Hybrids

Wearcoat



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Installation of Polyurethane/Acrylic Hybrids

Latex/PU Hybrid Primer



Installation of Polyurethane/Acrylic Hybrids

Latex Emulsion Filler



Installation of Polyurethane/Acrylic Hybrids

Color Coats and Lines

