

# Changing Phases of NORDOT® Adhesives

## High “Green Strength” Development

“Green Strength” (grab/tack as opposed to oily/slippery) is the property that gives an adhesive the ability to hold two surfaces together when first contacted and before (still “green”) the adhesive develops its ultimate bonding properties when fully cured. High green strength adhesives are vital for outdoor installations because it helps overcome the tendency of surfaces like synthetic turf to separate, curl, bubble, lift, creep, slip and wrinkle during installation without resorting to excessive rolling and/or sand bagging due to turf temperature changes or wind. NORDOT® High Green Strength Adhesives have five phases of development:

### Too Soon - Wait

#### Phase #1 (Negligible Grab)

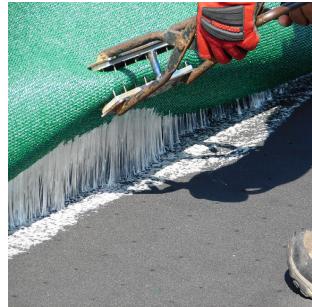
Film is wet and in the early stages of solvent evaporation



### Low Green Strength

#### Phase #2 (Mild Grab)

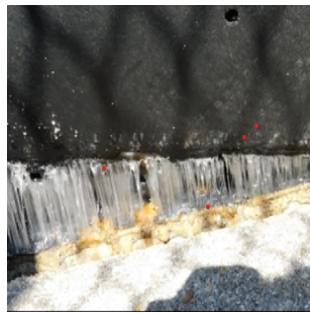
Tacky, long and weak adhesive “legs”



### Optimum Bonding Range

#### Phase #3 (Moderate Grab)

High tack, short and strong adhesive “legs”



#### Phase #4 (High Grab)

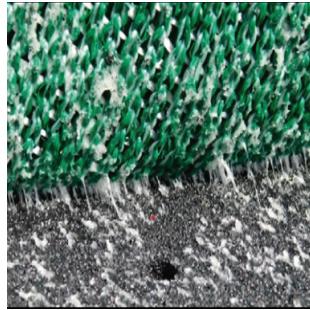
Film almost dry when touched lightly, but has high strength and stubby adhesive “legs” when firmly pressed



### Too Late For Bonding ☹

#### Phase #5 (No Grab)

Film is dry with no transfer when pressed and/or heated



- Reduce both time and labor costs - thanks to its much faster and efficient application
- One-part, solvent based urethane - easy to apply, not hazmat after the solvent evaporates and far superior to other liquid solvent-free adhesives
- High green strength (grab) - vital for successful outdoor installations especially when windy
- Use year-round whatever the temperature
- Extraordinary water resistance
- Proven outdoor long-term durability
- Perfect for the installation of all areas of sport, recreational and aquatic surfaces
- When airless sprayed, has unique “spider-web” spray pattern, negligible overspray and minimal airborne mist



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