

# THE ESSENTIAL SYLLABUS

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## FEATURED ARTICLE

### New and Improved Wood Floor Coatings Coming Soon!

We are excited to announce that we have two new versions of our trusted gym floor coating coming soon. Built on the trusted legacy of our Sport Kote® platform, these new formulations deliver the same high performance results our customers rely on.

#### Introducing our Next-Generation Gym Floor Coatings:

- **Sport Kote® PC Plus (168SF)**

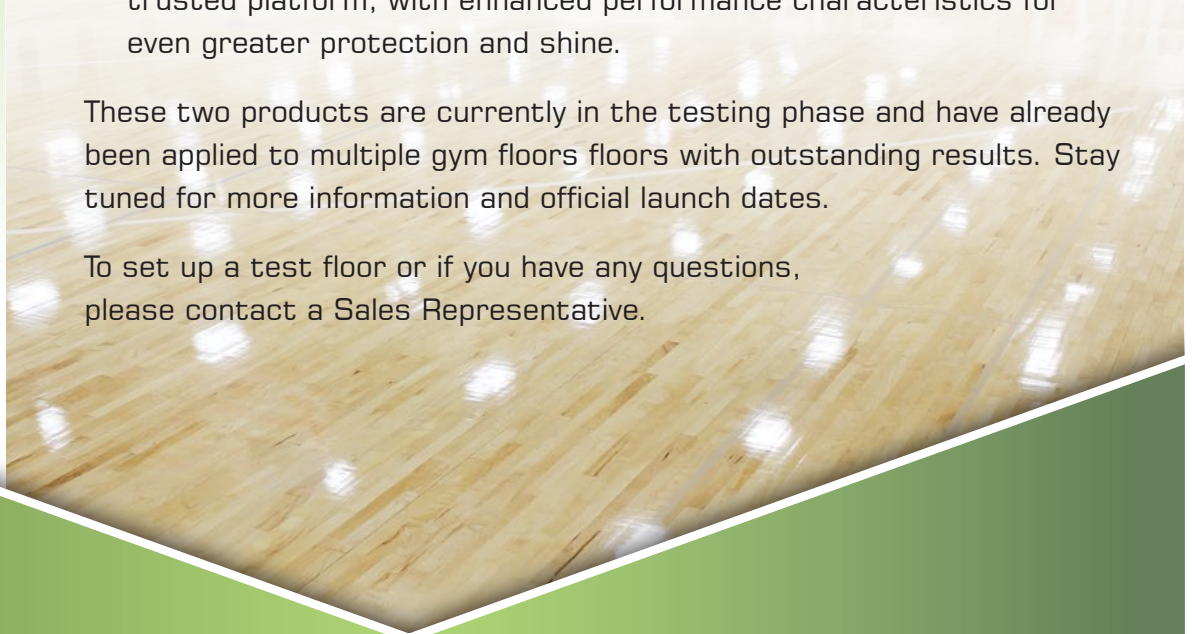
A single-coat, water-based coating featuring Essential's legendary Sport Kote polymer and cross-link system. Designed for durability, clarity and ease-of-use.

- **Sport Kote® PC Pro (178SF)**

Also a single-coat, water-based coating, PC Pro is built on the same trusted platform, with enhanced performance characteristics for even greater protection and shine.

These two products are currently in the testing phase and have already been applied to multiple gym floors with outstanding results. Stay tuned for more information and official launch dates.

To set up a test floor or if you have any questions, please contact a Sales Representative.



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## G2 Green Finish - High Performance Floor Coating

G2 Green Finish is a Green Seal Certified, 20% solids floor finish. It protects and beautifies all floors, including vinyl tile, terrazzo and stone substrates.

G2 Green Finish applies easily, dries quickly to a high, durable gloss and repairs easily. It can be used with all maintenance systems, including no-buff, spray buff and high speed burnishing systems.



## Summer Refresh with Sport Kote® PC

Summer is a great time for a gym floor refresh. Whether you need to recoat or simply burnish your Sport Kote® PC floor, let us help you make that happen.

Focusing on your gym floor makes sense in summer. With less traffic on your floors during summer break, you will have ample time to manage a recoat with less interruptions.

Sport Kote PC finished floors are also easy to burnish and will save you the time of a full recoat while making

your floors shine like new. Citrus Scrub 'N Shine will remove embedded soil and repair scuffs and scratches while also improving the slip-coefficient of your floor.

Let us take the stress out of your gym floor refresh this summer. We offer training sessions and product demonstrations for your school district. Contact your sales representative for more information and to schedule a session.



Innovation  
is Essential.



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## How Humidity Affects Floor Finish

With summer in full swing across most of the country, the potentially higher humidity levels are something to be aware of when applying floor finish. High humidity can directly affect the drying time and overall appearance of the finish on a floor.

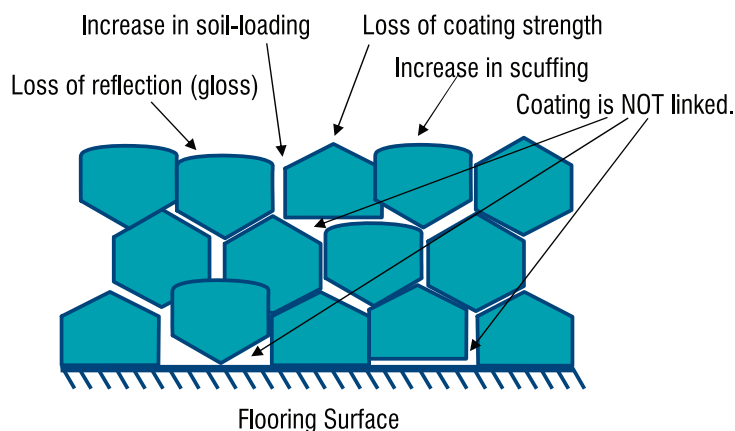
Floor finishes contain many independent ingredients such as water, polymer, resin, wax, plasticizers, coalescing agents and defoamers that, when combined, form a stable liquid emulsion. Once applied to a floor, most of the ingredients evaporate. What doesn't evaporate (and is left on the floor) is the non-volatile matter (NVM) or "solids" portion of the finish (polymer, resin, wax and plasticizers).

For best results, this evaporation process must be complete before another coat is applied. This is best illustrated through the diagrams to the right.

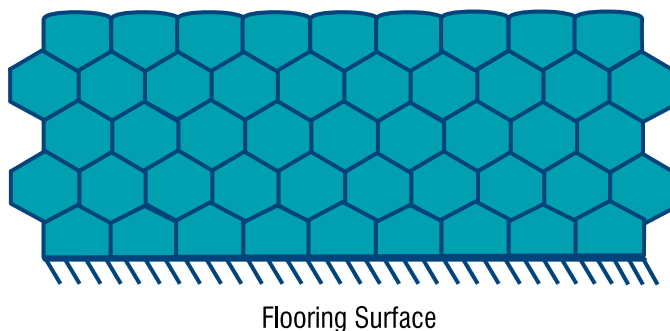
When a floor finish does not dry thoroughly and is re-coated, moisture gets trapped between the coats. A uniform, tightly coalesced film is never achieved. The results can be graying floors (soil penetration), excessive black marking and scuffing, sticking furniture and difficulty burnishing (powdering).

Humidity affects dry time in a profound manner. Remember, a lot of water must evaporate for a coat of finish to dry. High humidity means that the air is saturated with water. This, in turn, means that the water in the floor finish has nowhere to evaporate. Dry time for finishes that normally takes 30 minutes can take three or more hours. This is why we always recommend applying finish on cooler, less humid days or with the air-conditioning on. During very high humidity, it's best to keep finish application on the low side of the recommended coverage rate.

### Improperly Formed Film



### Properly Formed Film



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Comments, questions, problems or requests?  
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