

# Pro-Floor 100 Technical Bulletin

**Summary:** This short technical bulletin provides recommendations to achieving the highest gloss and clarity when using Pro-Floor 100 as part of a **THREE** (3) coat maintenance recoat program. NO changes in recommendations are needed when Pro-Floor 100 is used in a standard **TWO** (2) coat maintenance recoat system consisting of one coat of Pro-Floor 100 uncatalyzed and a topcoat that is catalyzed.

**Background:** Maintenance recoats with Pro-Floor 100 usually involves application of 2 coats of Pro-Floor 100 over properly prepared base coats of existing finish. This system, using catalyst only in the second coat provides the gloss, adhesion, and durability the customer expects.

In some cases, customers use a three (3) coat system consisting of one coat of Court Shield First Round and 2 coats of Pro-Floor 100. This can be advantageous when recoating heavily worn floors.

When the 3 coat system is used, the chances of experiencing reduced gloss and clarity is increased. In the worst case, a milky haze can be observed in the film. Multi-Clean recommends some simple steps that can be taken to maximize gloss and clarity of the finish when the 3 coat system is used.

## **Recommendations for three coat recoat system to optimize gloss and clarity** **Option1: Two coats first day, last coat on day two.**

1. Prepare floor as always.
2. Apply **Court Shield First Round**. Allow to dry a minimum of 2 hours.
3. Apply 1 coat of **Pro-Floor 100** without the catalyst.
4. Allow to dry overnight.  
***Important:** The first coat can be allowed to dry up to 24 hours without screening or "roughing up" before proceeding to the final coat.*
5. Apply 1 coat of **Pro-Floor 100** the next day with the catalyst.

## **Recommendations for three coat recoat system to optimize gloss and clarity** **Option2: Pro-Floor 100 with both coats catalyzed and applied on the same day**

1. Prepare floor as always.
2. Apply **Court Shield First Round**. Allow to dry overnight.
3. Apply 1 coat of **Pro-Floor 100** with **Crosslinker Catalyst**. Allow to dry a minimum of 3 hours.  
***Important:** When the first coat of ProFloor 100 is catalyzed, the second coat must be applied within 8 hours of the first coat.*
4. Apply 2<sup>nd</sup> coat of **Pro-Floor 100** with **Crosslinker Catalyst**.

### **Some additional tips for success**

1. Allow proper dry time between coats, for Pro-Floor 100, a minimum of 3 hours.
2. Minimize airflow during application to avoid air borne dust.
3. Maximize airflow once the coating is "set up" to speed drying.

**Questions, Call Tech Service at 1-800-433-6816**