



## Application Guide

### 6100 FS

Milamar's 6100 FS is a squeegee and broadcast system. It can be applied in both floor and vertical surfaces. To seal out moisture in the concrete below the surface before 6100 FS is applied, Milamar's Ultraprime will need to be utilized at 250 sq. ft. /gal. If sloping is needed to create drainage you will need to trowel on Milamar's 5500 Grout. 5500 Grout is a polyester based grout that can be applied up to 2" in one pass.

After the 5500 Grout has cured apply a grout coat of resin to seal surface as the 5500 Grout is somewhat porous and will soak up the 6100 Resins. An extra 5-gal pail of 5500 Grout A & B will be used for that.

#### Components:

- 6100 FS: Part A & Part B
- Optional:
  - 5500 Grout- Polyester based grout for sloping/drainage use.
  - 6700 LS- Lining system, trowel applied used for vertical surfaces without sagging.
  - Ultraprime- Single component penetrating moisture cure concrete sealer.

#### Coverage Rate:

- Average: 250 sq. ft./gal
- Note: Consumption rate will be dramatically higher on a porous substrate.

#### Installation:

- **Step 1:** Apply 20-25 mils of mixed 6100 FS A & B over floor and broadcast to rejection the 16 mesh quartz that comes with kit.
- **Step 2:** After 1 ½ hours (90 min) sweep excess quartz and repeat step 1 two more times to build a ¼" floor thickness. After the first coat of aggregate is down the thickness of the resin will be dictated by the tips of the quartz. Use an 18" rubber squeegee that is fairly rigid.
- **Step 3:** After 3<sup>rd</sup> broadcast has cured sweep again and apply final sealer coat. Final resin coat gets Parts A & B plus 4 ounces per gallon of glazing compound.

#### Working Time:

- The resins have about 15-20 minutes depending on room and surface temperatures.
- The 6700 LS liner for the vertical application is a 10 sq. ft. mix and is easy to apply before the product begins to cure.
- Note: Very important to store materials in a room/store room climate at 70°F-75°F max.

**Caution:**

The Styrene odor can be quite intense if the rooms are small with low ceilings. If you have ever been around fiberglass tank process of fiberglass boat builders that is what it smells like. Your workers should wear face respirators with organic filters like a 3-M type filter.

**The information above is to be used as a guideline. The coverages and times provided may vary due to temperature, humidity, mixing time, concrete surface, and preparation used.**

**Milamar Coatings, L.L.C.**  
311 NW 122<sup>nd</sup> St., Suite 100  
Oklahoma City, OK 73114  
P: 405-755-8448 | F: 405-755-8449  
[www.milamar.com](http://www.milamar.com)