

Instruction Guide For Mixing LM-85 SSL

It is critical that the appropriate amount of LM-85 SSL Activator be mixed with the appropriate amount of LM-85 SSL. Therefore, each LM-85 SSL product comes packaged with pre-measured quantities of the Part A and Part B (Activator). Each pre-measured container is labeled, defining Part A and Part B, to assist with identifying the appropriate component.

Storage: Polyguard recommends the LM-85 SSL be stored in temperatures between 40°F (5°C) and 80°F (27°C); and, if at any time Part B has been frozen, it must be discarded and replaced.

Preparation: The mixing time of the LM-85 SSL components will differ depending on the product temperature, drill size and All-Steel spiral paddle size used. All tools and equipment must be clean prior to use.

- **Product Temperature** - For best results and lower viscosity, warm-up both components A and B between 50°F (24°C) to 95°F (35°C).
- **Drill Size and Spiral Mixer Sizes** – Depending on the size of your project, the drill size and spiral mixer sizes required will differ.
 - For small project quantities, the use of a 1/2" drill (at least 5 amp and 500-900 rpm) and an All-Steel 2-1/2 gallon spiral mixer (Fig. 1) is sufficient to thoroughly mix both LM-85 SSL components.
 - For larger project quantities and continuous mixing, use a 1/2" drill (at least 9 amp and 500-900 rpm) or larger and an All-Steel 5 gallon spiral mixer (Fig. 2) to thoroughly mix both LM-85 SSL components.
- **The DO NOTS:**
 - use fan blade, mud style or rod style mixers.
 - use mixing jigs.
 - modify from factory controlled container.
 - thin products.
 - mix water into the pail.
 - mix products by hand.
 - add more or less of either component, A or B. Changing the mix ratio will affect coating and performance.

Mixing: When mixing, always start at the bottom of pail, then pull mixer slowly up to about 2/3 of pail (being cautious not to pull up too far causing splatter), then slowly move back down to the bottom of the pail. Repeat this step, however this time, rotate the mixer around the inner edge of pail. Continue this process for both components for the times specified below per spiral mixer size:

- **Using 2-1/2 Gallon Spiral Mixer:** Mix Component A thoroughly for 4-1/2 to 5 minutes, add Component B to Component A; thoroughly mix for an additional 3 minutes.
- **Using 5 gallon Spiral Mixer:** Mix Component A thoroughly for 3 minutes, then add Component B to Component A; thoroughly mix for an additional 2 minutes.

NOTE: DO NOT APPLY ANY MATERIAL IF STREAKS CAN BE SEEN DUE TO INSUFFICIENT MIXING.

Figure 1
2-1/2 Gallon Spiral Mixer



Figure 2
5 Gallon Spiral Mixer



Figure 3

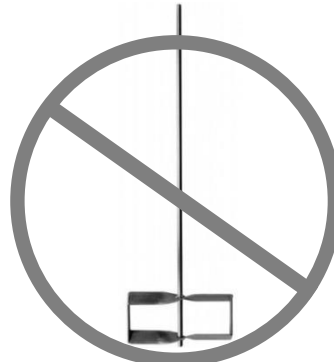


Figure 4

