

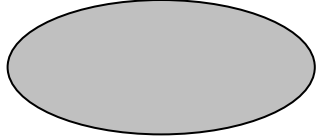
# The Three Components of Floor Finish



Water



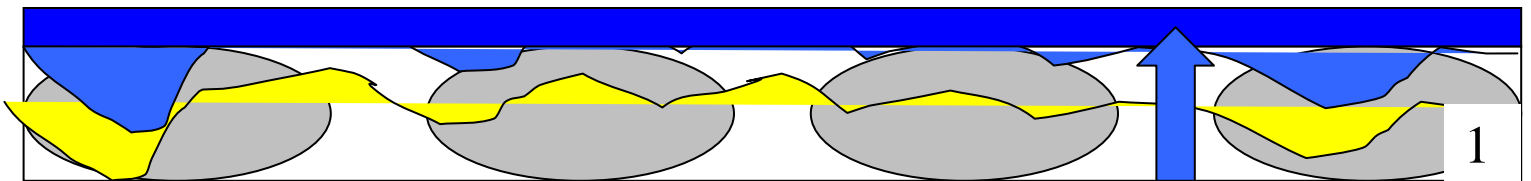
Coalescing Agents



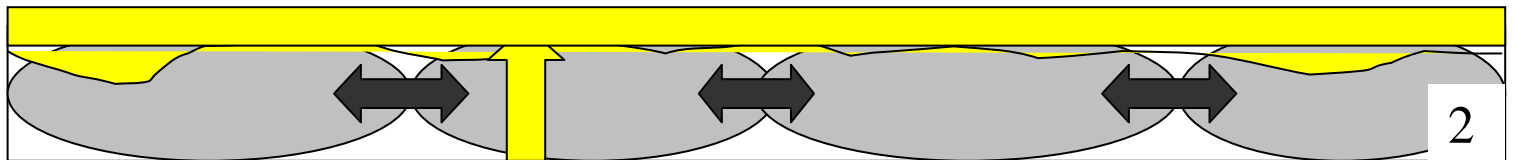
Acrylics/Plastics

**To properly cure floor finish so that it has good adhesion and solid strength, three steps must occur in a specific order.**

**Step 1-** The water must evaporate through the coalescing agents. The weight of the water on top of the coalescing agents flattens and smooths the surface of the finish.



**Step 2-** The Coalescing agents (a solvent) makes the plastics stick together, then evaporate through the plastics. Again the weight of the agents flattens and smoothes the plastics.



**Step 3-** The plastics now being sticky must bond together creating a solid layer that must dry (not too fast) allowing for a level, shiny, hard surface.

When applying multiple coats the optimum dry time is 30 minutes. Too dry, humid or cold of room condition will alter the drying time thus one or more of these steps will not be able to complete it's cycle properly. The result is the acrylics/plastics won't properly bond together ...they will have no adhesion to the floor...they can and will break down into a fine crystal like powder, leaving the floor looking white and dusty.

