

MIXING INSTRUCTIONS

Thank you for interest in our EP20-CHOCK product. This high-performance chock is one of the best products available for high-stress applications such as machine base plate grouting, however proper handling and use is extremely important if you would like to achieve the published performance results. Included below are E-Chem's official recommendations for proper mixing of EP20-CHOCK.

INSTRUCTIONS

Resin and hardener should be conditioned to between 65° F (18° C) and 85° F (29° C) for at least 12 hours before use. Pour Part B into the Part A container and mix thoroughly for 3 minutes with a low speed drill at 300 rpm. Keep the mixer completely submerged to prevent air entrapment.

MIXER: First and foremost, it is extremely important that the right type of mixing equipment is selected for use. Failure to do so can lead to serious equipment damage and/or failure. When mixing EP20-CHOCK, E-Chem recommends a powerful (10 amp) electric mixer with a 2-speed gearbox, such as those designed specifically for the mixing of cementitious adhesives and resins. If this is not available, a powerful 2-speed angle head drill will also work well. E-Chem DOES NOT recommend the use of a standard power drill, such as those used for carpentry projects, as the motor will likely be damaged or destroyed.

PADDLE: Once you have obtained the proper mixer, it is time to select the appropriate mixing paddle for the materials you will be using. For EP20-CHOCK, E-Chem recommends a Jiffy Mixer type paddle – a heavy duty mixing paddle made entirely of stainless steel for industrial and commercial applications. With a patented blade system developed for efficient mixing - not just stirring - of dense and viscous materials in an open container, the Jiffy Mixer will help to eliminate waste while minimizing unwanted aeration. If not properly avoided, this unwanted aeration can negatively impact the desired performance characteristics of the material.

MIXING: When mixing EP20-CHOCK, it is vital that the proper technique is used if you want your materials to perform as published. Before starting your mixer, make sure that the mixing paddle is completely submerged into the materials. Once the motor is started, continue to keep the paddle submerged as you mix the materials at low speed (300 rpm) for 3 minutes, then shut the motor off and allow all motion to stop before allowing the mixing unit to reach the surface of the mixed materials. Failure to keep the mixing unit submerged and/or allowing the material to be mixed at high speeds is likely to cause unwanted air entrapment and negatively impact the desired performance characteristics of the material.

