



COMPREHENSIVE Installation Guidelines

INTRODUCTION

The use of *CreteFill Pro* Polyurea Elastomer joint filler has now become the contractor's choice because all aspects of control joint protection requirements may be met with the use of a semi-rigid Shore A 85 material that will accept up to 15% joint movement, some vertical displacement, and will not debond under any but the most severe punch down pressures. The use of *CreteFill Pro 85* provides a unique combination of compressive, adhesive, and elongation characteristics that make this product the ideal choice for addressing the specific issues surrounding control joint dynamics.

PURPOSE AND METHOD OF INSTALLATION

The function of *CreteFill Pro* semi-rigid joint filler is to protect joint edges from damage caused by wheeled traffic, pedestrian traffic or other forces that cause pressure to be applied to the control joint in a concrete slab.

There are two methods of dispensing *CreteFill Pro Series* Polyurea. The selection of the 22 oz. cartridge allows you to resolve small projects and to repair joints quickly with a single person and a hand held dispensing tool. The *CreteFill Pro Polyurea GC-13 Pump*, a 1-1 ratio, 10 gallon pump allows you to do much larger projects with the simplicity of operation, speed and consistency that assures a perfectly mixed joint fill for every application.

JOINT PREPARATION

The joint walls must be clean, sound, and dry. Remove dust, grease, curing compounds, waxes, foreign particles and disintegrated material. Joint cleaning procedures must include the proper preparation of the joint to receive the polyurea elastomer. Typically backer rod is installed to maintain consistency of joint fill. Joint depth recommendations are 1 ½" deep for a 6" slab for maximum joint protection.

If the floor surface is open and porous, a thin film of bar soap may be applied to either side of the joint to prevent the possibility of staining.

MIXING AND PLACEMENT

For bulk mixing use the *CreteFill Pro* one-to-one ratio metered pump. Only component "B" side needs to be stirred before being loaded into the pump, taking extra care not to move the mixer up and down in the bucket that may cause air entrapment in the product, resulting in small air bubbles on the surface of the final joint fill. Do not allow material to reside in static mixing head or nozzle for more than 45 seconds or nozzle blockage may result. A precise filling technique is to use a double pass method, meaning to dispense an initial bead at bottom of joint and then to come back and finish the fill with a much more controllable second pass. This helps to mitigate any moisture that may be at bottom of joint and also helps to minimize overfill.

GRINDING TO FINISH GRADE

The control joint may be cut or polished after the product has cured, typically within 30 minutes. The compelling advantage of the *CreteFill Pro Series* of polyureas is that the product is less staining and can be polished using most equipment without smearing. If there are any low spots that appear after the final pass you may fill the joint again without having to rough up or chemically treat the joint. The material has excellent adhesion to itself.

TECHNICAL SUPPORT

Technical information and assistance can be obtained by calling Curecrete Distribution, Inc. at 1.800.998.5664. Please visit our website, www.curecrete.com, for information on this and other available products.