

Technical Bulletin #2019-02

To: All POLYGLASS Users
CC: POLYGLASS Sales & Technical Services
Re: **Guidelines for Polyflash™ 1C for Emergency and Permanent Applications**

In our continued effort to support our customers, Polyglass offers the following guidelines for using Polyflash 1C in emergency situations over wet or damp substrates, followed by the necessary permanent repairs.

Emergency Application:

Polyflash 1C may be used as a temporary emergency repair over wet or damp surfaces. Those who have attended Polyschool may recall a demonstration where Polyflash 1C was poured through standing water onto a modified bitumen membrane, showing its capability in extreme conditions.

Because Polyflash 1C is a moisture-curing product, exposure to water does not prevent it from setting, and it can effectively stop active leaks. Temporary repairs using Polyflash 1C may be applied during wet weather or inclement conditions on bituminous surfaces, PVC membranes, TPO membranes, acrylic coatings, CURE Technology surfaces, and metal substrates. However, if this technique is used for an emergency repair, a permanent repair must be completed once weather conditions improve and the surface has had time to dry.

Permanent Application:

For a permanent repair, the application of Polyflash 1C should include a properly prepared substrate, the use of primer where needed, and a full reinforcement system. A base coat of Polyflash 1C should be applied, followed by embedding reinforcement fabric so that it terminates within $\frac{1}{4}$ inch of the edge of the coating in all directions. Once the fabric is in place, a top coat of Polyflash 1C should be applied to fully encapsulate the system.

Bituminous substrates require a primer for bleed-blocking, whereas other surfaces typically do not. That said, adhesion testing is always recommended to confirm compatibility. If Polyflash 1C is to be applied in direct contact with copper metal, please consult Polyglass Technical Services prior to installation.

If you have any questions regarding the appropriateness of this product for a particular project, detailed application, or warranty inquiries, please contact the Polyglass Technical Services Department at 866-794-9659 or via email at Technical@Polyglass.com.

