



# **Test Kit**

## **Mixing Instructions**

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## **INTRODUCTION**

Welcome and thank you for your interest in the GrailCoat family of high-performance waterproofing flexible concrete products.

Although **GrailCoat** has some characteristics in common with some other products with which you may be familiar, it is different. For that reason the applicator must follow these instructions closely and not be tempted to improvise. Not following the Mixing Instructions can cause the unique, proprietary formula to be thrown off and to cause the product to not perform properly.

Additional resources available to assist you with your application are:

- Mixing and Applying video/slide show on our website; [www.grailcoat.com](http://www.grailcoat.com)
- Downloadable , email-able instructions in .pdf format from our web site
- Technical advice by via email: [inquiry@grailcoat.com](mailto:inquiry@grailcoat.com)
- Technical advice by telephone by calling our main number during office hours
- Mixing and Applying workshops held on a regular basis in Central Florida
- Mixing and Applying workshops held at your site.

The following instructions are only for the mixing of a Test Kit. To ensure that you have the necessary information for proper application of your Test Kit material please download our complete Mixing and Applying Instructions from our website.

Your test kit comes complete with enough liquid polymer, aggregate powder, color and mesh to cover a 25 square foot area with two complete coats plus a light texture coat over regular mesh. All items are contained within the 5 gallon bucket of the Test Kit. The contents of your test kit have been pre-measured.

## **TOOLS for MIXING**

- HEAVY DUTY MIXING DRILL (7 amp with ½” chuck)
- DRYWALL (Jiffy) TYPE MIXING BLADE (square blade),
- WATER HOSE
- PLASTIC SHEETING and RAGS
- 2 CLEAN 5 GALLON BUCKETS. One in which to mix and the other to fill with water to clean tools immediately after mixing.
- DUST MASK or Respirator - To be worn while pouring the Aggregate Powder into the polymer for mixing



## **MIXING DIRECTIONS**

### **Mixing GrailCoat using the ½”, 7.0 amp drill with drywall mixing blade**

1. Remove the lid on the bucket and remove the mesh, the bottle of colorant, and the gallon jug of liquid polymer.
2. Pour the contents of the gallon jug of liquid polymer into a clean 5 gallon bucket.
3. Pour the entire contents of the bottle of colorant into the pail containing the liquid polymer.
4. Use the mixer to completely mix the colorant into the polymer. Continue mixing until the color of the polymer is uniform. This should take between 20 and 30 seconds.
5. Put on your dust mask. Always wear a dust mask or respirator whenever working with the dry aggregate powder.
6. Slowly add the aggregate powder to the colored polymer. Mix as you add the aggregate powder. This should take about 1 minute.
7. Continue mixing after all the aggregate powder has been added for an additional 4 minutes (5 minutes of mixing total)
8. The GrailCoat material is now ready to be applied. It is best to use the material within 30 minutes of mixing.