

POLY 600

Poly 600 is a vinyl acetate-ethylene copolymer. Poly 600 is concentrated, thick, and high in solids. Use as a polymer modifier for hydraulic cement mixtures such as overlay cement mixtures, self-leveling floor formulas, and ceramic tile adhesives and grouts.

Product Uses:

- As a general cement additive to improve adhesion to other surfaces
- To lower water absorption
- To increase flexural strength
- To Increase PSI strength
- As a concrete bonding agent (Tie coats/ Bond coats/Prime coats)
- In general mortar repair mixes
- In stamped concrete
- In spray textures
- In micro toppings
- In GFRC
- In concrete countertop mixes
- In tile mortar
- In landscape curbing
- In concrete patch work
- In decorative concrete overlays

Product Description:

Poly 600 is a concentrated, high solids polymer modifier used to add strength and flexibility to cement mixes such as concrete patching, overlays, and micro toppings.

Solids by weight:

58 – 60%

Color:

White

*Pigment may be added to achieve a different appearance in finished product

Odor:

Slightly Acidic

Storage:

Ideal storage is 72°F. Stability at 72°F is >180 days. Do not allow material to freeze.

Mix Ratio:

- Substrate repair: 1 part Poly 600 to 2 parts clean water
- Bond coat/ Priming coat: 1 part Poly 600 to 3 parts clean water
- Stamp mix or texture: 1 part Poly 600 to 4 parts clean water

MIXING AND APPLICATION

- 1) For thorough mixing use a mechanical mixing device such as a drill with a paddle bit. Mix thoroughly but slowly, do not mix air into product as this will cause it to foam.
- 2) Pigment such as Butterfield Uni-Mix Integral Color Packs can be added to the polymer at this stage of mixing, take care to not add too much, some colors are very concentrated. Remember, when adding pigment to the polymer that the original color of the cement mixture will be a factor in final color and that the finished material will dry a lighter color. If adding pigment, it is recommended to mix enough polymer to be able to finish the whole project. Multiple batches of pigmented polymer mixed at different times may result in slightly different colors. If mixing multiple batches of polymer is required, pour all batches together to get a consistent color. It is always recommended to test your colors before you begin your project.
- 3) Add polymer mixture to your cement mixture until you reach your desired consistency.

Recommended usage levels are 5-15% polymer per 100 parts cement. The higher the polymer level the better the flexural strength, lower water absorption and improved adhesion. Anything above or below this recommendation may cause overall product failure.

NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR LIABILITY

*This product is intended for use by trained professionals, experienced and trained in the use of these products. We warrant that our products are manufactured to strict quality assurance specifications and that the information supplied by us is accurate to the best of our knowledge. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you shall make your own tests to determine the suitability of our product for your particular purpose. Any use or application other than recommended herein is the sole responsibility of the user. Listed physical properties are typical and should not be construed as specifications. **NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, REGARDING SUCH OTHER INFORMATION, THE DATA ON WHICH IT IS BASED, OR THE RESULTS YOU WILL OBTAIN FROM ITS USE. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, THAT OUR PRODUCT SHALL BE MERCHANTABLE OR THAT OUR PRODUCT SHALL BE FIT FOR ANY PARTICULAR PURPOSE. NO WARRANTY IS MADE THAT THE USE OF SUCH INFORMATION OR OUR PRODUCT WILL NOT INFRINGE UPON ANY PATENT.** We shall have no liability for incidental or consequential damages, direct or indirect. Our liability is limited to the net selling price of our product or the replacement of our product, at our option. Acceptance of delivery of our product means that you have accepted the terms of this warranty whether or not purchase orders or other documents state terms that vary from this warranty. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Our products contain chemicals that may **CAUSE SERIOUS PHYSICAL INJURY. BEFORE USING, READ THE MATERIAL SAFETY DATA SHEET AND FOLLOW ALL PRECAUTIONS TO PREVENT BODILY HARM.***

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