

## LIGHT WEIGHT

### POLYMER MODIFIED LIGHTWEIGHT VERTICAL AND HORIZONTAL STAMP/CARVING MIX

**Description:** *Lightweight* is a polymer-modified cement based stamp/carving overlay. This product is designed as a single component system: just add water and mix. *Lightweight* can be applied vertically or horizontally at 1/4" to 2" thickness in a single application.

**Recommended Use:**

Designed to be used as a decorative vertical or horizontal overlay. *Lightweight* can be used in both residential and commercial applications. Finishes are greatly enhanced by the addition of integral colors, stains and dyes. All projects should be sealed to enhance the color and protect the finished product.

**Features:**

1. High build decorative floor system.
2. Superior abrasion and compressive strength.
3. Excellent freeze thaw resistance.
4. Use *RA* or *Liquid RA*.
5. Can be chemically stained.
6. Will readily accept *Trucolor*, stains and dyes.
7. Simple to use, just add water.

**Surface Preparation:** All surfaces must be structurally sound, solid and completely clean, including the removal of form release, existing sealers, paints, weak or loose patching compounds, dust, dirt, oil or any other contaminant which may act as a bond breaker.

When going over concrete create a key coat with *AC900X* and *FSAG*. When using wood as a substrate seal the wood with a primer and then use either a Thin-set or diamond mesh as a key coat.

**Mixing:**

**Step 1:** Using an accurate measuring container, pour 5.6 liters (5.5L to 5.9L) of water into a 5 gal mixing pail. Use only clean water.

**Step 2:** If you are coloring your project add the appropriate amount of *Trucolor* color. Mix the color and the water briefly before adding the *Lightweight* powder.

**Step 3:** Place 2/3 of *Lightweight* powder into the mixing pail and spin for 30-60 seconds using a slow speed drill and paddle attachment.

**Step 4:** Place remaining powder into the bucket and mix thoroughly for 1-2 minutes to disperse all ingredients. The mixed product will be clay-like in consistency.

**Accurate and consistent liquid is very critical.**

**Application:** Apply a layer of *Lightweight* at consistent thickness with a gauge rake or a mag trowel. Use a steel trowel to achieve a flat smooth finish. Do not over trowel the product. Once you have placed your product you may start stamping or shaping as desired. Under normal conditions this product can be hand carved for up to 4hrs.

**Stamping:** You may start stamping once the material has set sufficiently; this may vary greatly depending on the temperature, humidity and depth of the mortar. Apply

your *RA* or *Liquid RA* just prior to stamping. During sunny conditions always tarp your work area to avoid temperature variations. If the temperature is expected to be above 25°C, plan your installation for early in the day.

**Release Clean-up:** Wait a minimum of 18-24 hours before cleaning the *RA* powder. Always test an area to ensure that the cleaning will not damage the surface prior to starting. Remove excess release powder off the stamped surface with a soft nylon broom. Wash with soap and water as needed to complete the process.

**Curing:** *Lightweight* will be ready for light foot traffic in - 24-36 hours.

**Sealing:** This product can be sealed with Starpatch *S815* or *S830* sealers. For interior applications use a Low VOC sealer.

**Coverage:** A 20kg (44lbs) bag of *Lightweight* will cover approximately 25 sq. ft. at 3/16".

**Limitations:**

Do not install on hot, dry, windy days.

Do not apply to frozen or wet surfaces. Surface temperatures should not fall below 5°C (40°F) or rise above 30°C (86°F) during installations. Full cure is at 28 days. This product is not recommended for vehicle traffic.

**Caution:** Contains cement, a polymer and other additives which may cause skin irritation. In case of skin or eye contact, wash thoroughly with water. Please consult the MSDS for detailed safety and handling instructions. In case of eye contact consult with nearest physician.

**KEEP OUT OF REACH OF CHILDREN.**

**Warranty:** Starpatch Concrete Products warrants that if its products prove to have manufacturing defects and Starpatch is notified of such within 6 months from date of Starpatch shipping, Starpatch will replace the defective products F.O.B. factory. Such product replacement shall constitute the sole and exclusive remedy for any claim under this warranty. This warranty is in lieu of all other warranties, expressed, implied or statutory and is strictly limited to its terms. Starpatch makes no warranty of merchantability or suitability of its products for any particular purpose. Starpatch sells its products upon the condition that the customers shall conduct their own tests to determine the suitability of the products for the customers intended purposes. Under no circumstances will Starpatch be liable for economic, special, incidental or consequential damages or losses of any kind whatsoever arising out of or occasioned by the selection, use, installation or replacement of this product.

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