

# U-POINT

## A SINGLE COMPONENT, POLYMER-MODIFIED, CEMENT-BASED COMPOUND USED TO REPOINT ALL TYPES OF MASONRY JOINTS

**U-POINT** is a single component, polymer-modified, water-resistant, cement-based compound used to repoint all types of masonry joints and may also be used for grouting between floor tile, marble and flagstone.

### USES and ADVANTAGES

- Use to repoint all types of masonry joints.
- Grouting between floor tile, marble and flagstone.
- Setting bed for brick, flagstone, quarry tile, pavers, etc..
- Easy to use, just add water.
- Polymer-modified, high bond strength.
- Provides water resistant finish.
- Non-shrink, non-staining.
- Horizontal or vertical joints.
- Self curing under normal conditions.
- Dries to a light gray color.
- Can be blended with most mortar colors to match surrounding area.

### SURFACE PREPARATION

All mortar joints to be repointed must be free of any loose mortar and cut back to a sound surface. Flush all joints clean with water or compressed air. Dampen surface with clean water to the point of saturation but allow no standing water prior to placing material.

### MIXING

Add clean water to a suitable, clean container at the rate of one quart for each 15 pounds of U-Point. Mix to a creamy lump free mortar consistency suitable for the application. Excessive amounts of water will decrease the

strength of the U-Point. Allow the mixed material to stand for 5 minutes, remix and then apply.

### APPLICATION

Dampen joints slightly then apply U-Point by using a tuck pointing trowel forcing the material into all voided areas. For joints deeper and/or wider than 1/2", backfill first to within 1/4" of finish surfaces and allow backfilled area to cure 24 hours before finish coat is applied.

U-Point may be used as a grouting mortar for sealing pores and shrinkage cracks in mortar joints of structural glazed tile, smooth and glazed brick or smooth floor brick. Rough surface brick or tile should first be taped before grouting. Scrub slurry mix into joints with a stiff bristle brush to fill small cracks with mortar keeping brick face as free of material as possible. If faces have been taped, remove before material reaches set. While material is still fresh, wipe excess with grout float, damp sponge or damp burlap. After initial set is reached repeat cleaning procedure with dry sponge or burlap.

### CURING

U-Point is self curing under most conditions, however, re-pointed areas exposed to high temperatures, direct sunlight or extremely windy conditions should be lightly misted with water.

### COVERAGE

Each pound of U-Point will fill 17 cubic inches.

### TECHNICAL DATA

#### **Compressive (ASTM C-109)**

|             |          |
|-------------|----------|
| 7 day.....  | 4250 psi |
| 28 day..... | 5450 psi |

#### **Tensile (ASTM C-190)**

|             |         |
|-------------|---------|
| 7 day.....  | 385 psi |
| 28 day..... | 475 psi |

#### **Flexural (ASTM C-348)**

|             |         |
|-------------|---------|
| 7 day.....  | 700 psi |
| 28 day..... | 825 psi |

#### **Shear Bond (ASTM C-882)**

|             |          |
|-------------|----------|
| 7 day.....  | 1425 psi |
| 28 day..... | 1980 psi |

#### **Shrinkage (ASTM C-157).....**

0.095%

#### **Scaling Resistance (ASTM C-672)**

25 cycles.....0.0%

#### **Set Time (ASTM C-191) at 72° F**

|              |             |
|--------------|-------------|
| Initial..... | 60 minutes  |
| Final.....   | 120 minutes |

### LIMITATIONS

- Do not use when temperature is below 40 °F or is expected to fall below 40 °F within 24 hours of application.
- Do not use any additives.
- Do not apply over frost or frozen surfaces.
- After mixing material, let stand for five minutes, remix then apply.
- Clean all tools and mixing containers with water during and immediately after use.



60 REAR NEWHALL STREET

PHONE: 978-453-8881

LOWELL, MA. 01852

FAX: 978-453-2416

## **WARNING!**

Do not take internally. Contains Portland cement and Silica sand. May be irritating to the eyes and nose. Prolonged inhalation may cause lung injury. Avoid eye contact or prolonged contact with skin. Wash hands thoroughly with water after handling. In case of eye contact, flush with plenty of water for at least fifteen minutes. If irritation persists, consult a physician immediately. Dust masks, eye protection and gloves are recommended when using this product. Read Material Safety Data Sheet (MSDS) before using this product which may be obtained from your retailer or by calling 978-453-8881.

24 Hour Emergency Medical/Spill Information (Chemtrec): 800-424-9300

**KEEP OUT OF THE REACH OF CHILDREN!**

For technical assistance call  
978-453-8881

[www.umaco.com](http://www.umaco.com)

## **LIMITED WARRANTY**

*The manufacturer guarantees its products to be free of defects and the extent of its liability is limited to the purchase price of the materials only, if proved to be defective.*

*Improper mixing, incorrect application or other factors beyond the control of the manufacturer or its dealers may produce unsatisfactory results and cannot be held to be the manufacturers or its dealers responsibility. There are no other guarantees either expressed or implied.*

**02-01-11**

- Concrete Patching and Repair Products
- Masonry Waterproofing Products
- Acrylic Admixtures and Bonding Agents



[www.umaco.com](http://www.umaco.com)

- Decorative Masonry and Concrete Coatings
- Traditional and Synthetic Stucco Systems
- Flooring Underlayments and Resurfacers