

## **SAMPLE SPECIFICATION (TOPICAL APPLICATION TECHNIQUE)**

### **PART 1. GENERAL**

#### **1.01 SUBMITTALS**

- A. Submit two copies of manufacturer's literature.**
- B. Submit two copies of each SDS for materials to be used on the project.**

#### **1.02 QUALITY CONTROL**

- A. Materials must be delivered to the jobsite in original, unopened containers with proper identification labels.**
- B. Materials must be stored in a dry place with temperatures between 60°F and 100°F.**

#### **1.03 APPLICATION MATERIALS**

- A. AGGREGATE - A variety of materials may be used. The aggregate shall be washed of dirt, fine particles, and allowed to DRY. The aggregate size shall range from 1/8 inch to 3/4 inch. The use of Klingstone Paths with decomposed granite, stone dust or other compactable materials that do not allow adequate permeability is not recommended. Multicolored 3/8" pea gravel is ideal.**
- B. BINDER – The binding resin shall be Klingstone Paths Amber or Klingstone Paths Klear.**
- C. EDGING (OPTIONAL) - Edging material may be wood, masonry, metal or plastic. Excavated soil can also be used but care should be taken to obtain the full thickness and avoid the creation of feathered edges.**

## 1.04 EQUIPMENT AND ADDITIONAL SUPPLIES

**A. SUPPLY PUMP** - The pump shall be an air powered, diaphragm pump designed to have a minimum output of one gallon per minute with sufficient pressure to produce a multi-stream pattern at the wand. Approved pumps are available to rent from Klingstone Paths, LLC. Contact Klingstone Paths for more information.

**B. HOSE** - The hose shall be of adequate length to reach the width of the pathway but no longer than 50 feet. It should have an inner diameter of 5/8 inch and be rated for at least 100 psi.

**C. WAND** - The dispensing wand shall be designed to produce a multi-stream pattern having a width of 12 to 18 inches. The wand is provided with the pump rental from Klingstone Paths, LLC.

**D. PUMP FLUSH** - Pump flush shall be Klingstone Paths Pump Flush. It is necessary to use Pump Flush at the beginning and end of each pump use.

**E. SITE PROTECTIVE SUPPLIES** - Polyethylene film, tape, stakes and rope shall be available to mask adjacent surfaces and restrict access during the application.

**F. PERSONAL PROTECTIVE EQUIPMENT** - Rubber gloves, boots and protective eyewear shall be worn at all times during the application. When using Klingstone Paths Klear, wear full-face respirators specifically recommended for polyisocyanates. In event of a spill or emergency call Chemtrec: 1-800-424-9300.

## PART 2. EXECUTION

### 2.01 PREPARATION

**A. ISOLATE** - Rope-off and post the work areas.

# Klingstone *PATHS*

*keep it together*

**B. EXCAVATION** - Excavate to a minimum depth of three inches.

**C. SUBGRADE** - If the subgrade is not firm and cannot be compacted to make it firm, excavate deeper and add "crush and run" or similar material to achieve the stable base.

**D. EDGING** (optional) - Install edging to define the pathway.

**E. MASKING** - Mask all adjacent surfaces with polyethylene film to prevent staining.

## 2.02 APPLICATION

**A. Spread the aggregate (three inches thick) and smooth by raking and rolling. Aggregate must be completely DRY.**

**B. Apply Klingstone Paths to saturate the aggregate. Apply at a rate of 10 ft<sup>2</sup> to 12 ft<sup>2</sup> per gallon (driveways require the higher rate of application).**

**C. Allow material to cure for 24 hours in dry weather. If unexpected rain occurs, cover immediately.**

## PART 3. COMPLETION

### 3.01 CLEAN-UP

**A. Completely flush pump with Klingstone Paths Pump Flush.**

**B. Remove masking, isolation rope and postings after curing.**

**C. Remove all debris, tools and unused material from the job site.**

**Klingstone Paths, LLC ♦ [KlingstonePaths.com](http://KlingstonePaths.com)**

**Ph: 1-800-942-5151 ♦ Fax: 828-456-9699 ♦ Int'l: 828-456-9970**

This document should not be construed as a specification applicable to all jobs. Each job contains unique site conditions and requires unique solutions. For technical assistance, please call 1-800-942-5151.