

Application Tools & Equipment



Technical Data Sheet

The ALT family of liquid applied products is used for a variety of roofing, waterproofing and surfacing applications. ALT requires very little in the way of materials, tools and equipment for installation. All applications will require the use of approved rollers and brushes. These tools must be specifically designed for the correct delivery and application of all ALT resins and components. The following tools and equipment are recommended to aid in the successful application of ALT systems:

Recommended Tools & Equipment for Roofing, Waterproofing & Flashing

Substrate Preparation

- ALT R290 Paste and/or ALT RS242 Mortar
- Blower, vacuum & broom
- Kiln dried quartz silica
- 1/2 to 5/8 inch closed cell PE backer rod
- Scarification equipment including floor scarifier & hand held grinders w/diamond cup wheel

Mixing

- Plastic tarps or sheeting
- Clean mixing sticks
- Variable speed drill with 1/2" chuck
- 2-large spiral resin agitator/mixers
- 1-tablespoon (15 ml) measure
- Plastic mixing buckets (5-liter)
- Mixing pail (5-gallon)

Application

- Duct tape
- Razor knife
- 9" scissor (Fiskars or equal)
- Disposable heavy duty **vinyl** gloves

Miscellaneous

- Extension cords
- Clean cotton rags
- Plastic garbage bags
- ALT Activator

Recommended Tools & Equipment for Traffic Surfacing Systems

Substrate Preparation

- ALT RS242 Mortar and/or ALT RS232 Mortar
- Blower, vacuum & broom
- Kiln dried quartz silica
- 1/2 to 5/8 inch closed cell PE backer rod
- Scarification equipment including floor scarifier & hand held grinders w/diamond cup wheel

Mixing

- Plastic tarps or sheeting
- Clean mixing sticks
- Variable speed drill with 1/2" chuck
- 2-large spiral resin agitator/mixers
- 1-tablespoon (15 ml) measure
- Plastic mixing buckets (5-liter)
- Mixing pail (6-gallon or larger)

Application

- Duct tape
- Screed bar
- Spiked Roller
- Spiked shoes
- Flat square edge trowel
- 9" scissor (Fiskars or equal)
- Disposable heavy duty **vinyl** gloves

Miscellaneous

- Extension cords
- Clean cotton rags
- Plastic garbage bags
- ALT Activator

Note: The applicator is responsible to assess jobsite conditions and determine the specific needs for any individual application, including requirements for any special tools, permits, or licenses. The above tools and equipment are offered as a recommendation based on normal practice in typical applications of ALT supplied products.

General Information

Rollers & Brushes

All applications will require the use of approved rollers and brushes. These tools must be specifically designed for the correct delivery and application of all ALT resins and components. Each workman will use approximately 3 to 5 brushes and/or roller knaps per hour. Order according to the number of workers and man-days anticipated for each project. When ordering brushes and rollers, the following guidelines would apply:

7-inch roller knaps

Used with all ALT resins for application of resin in field and large open areas.

4-inch roller knaps

Used with all ALT resins for application of resin on flashings and small tight areas.

2.5-inch brushes

Used with all ALT System resins for application of resin on flashings and small tight areas. Brushes are always required even when 4" rollers are used to work resin into corners and tight areas that cannot be reached with the roller.

24-inch Squeegee (Flat blade & Notched)

Used for application of the resin mortars and topcoat finishes on horizontal substrates.

Resin Mixer/Agitator

Specially designed non-aerating resin mixer/agitator is required for mixer all resins. A minimum of two mixer/agitators are recommended for productivity, and to avoid cross contamination of catalyzed and non-catalyzed resin products.

Spike Roller

Spike roller is used for pinning (to assist in leveling) ALT waterproofing mortars. The spiked roller is used with vehicular and pedestrian traffic systems.

Spike Shoes

Spike shoes are used when broadcasting aggregate on vehicular and pedestrian traffic systems.

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