



WESTWOOD TECHNICAL GUIDELINES

APPLICATION TOOLS AND EQUIPMENT

WestWood's liquid-applied PMMA applications require minimal tools and equipment for effective application. However, proper tools are essential for ensuring uniform delivery and performance. The following tools and equipment are recommended for successful roofing, waterproofing, flashing, and traffic surfacing installations.

GENERAL TOOLING REQUIREMENTS

Rollers & Brushes

Use only WestWood-approved rollers and brushes designed specifically for PMMA resins. Each installer should expect to use 3-5 roller knaps or brushes per hour. Suggested quantities should be based on the number of workers and total workdays per project.

- 7" Roller Knaps – For applying resin to large field areas.
- 4" Roller Knaps – For flashings and tight spaces.
- 2.5" Brushes – Essential for flashings and corners, even when rollers are used.
- 24" Squeegees – Flat and notched types for spreading resin mortars and topcoats.
- Spiked Rollers – Used for leveling waterproofing mortars in waterproofing, vehicular, and pedestrian systems.
- Spike Shoes – Worn while broadcasting aggregate in surfacing applications.

Resin Mixing Equipment

A low-speed (200-400 rpm) mechanical agitator and a non-aerating spiral agitator is required for uniform mixing. At least two mixers are recommended to improve efficiency and prevent cross-contamination between catalyzed and non-catalyzed resins.

TOOLS & EQUIPMENT BY FUNCTION

1. Substrate Preparation

- Wecryl 810 Paste Resin
- Blower, vacuum, and broom
- Kiln-dried quartz silica
- ½"-5/8" closed-cell polyethylene (PE) backer rod
- Scarification equipment (floor scarifiers and handheld grinders with diamond cup wheels)

2. Mixing

- Clean mixing sticks
- Variable-speed drill with ½" chuck
- Spiral resin agitators (minimum of two)
- 5-liter plastic mixing buckets
- 5- or 6-gallon mixing pails
- Plastic tarps or sheeting
- 15 ml (1 tbsp) measuring scoop

3. Application

- Duct tape
- Razor knife
- Heavy-duty vinyl gloves (disposable)
- 9" scissors (Fiskars or equal)
- Spiked roller and spike shoes
- Flat square-edge trowel (traffic systems only)
- Screed bar (traffic systems only)

4. Miscellaneous

- Extension cords
- Clean cotton rags
- Plastic garbage bags
- WestWood Cleaner



ROOFING SOLUTIONS



WATERPROOFING



FLASHING SOLUTIONS



TRAFFICABLE SURFACES