TOOLS AND MATERIALS FOR KEMPER PRODUCT APPLICATION

The following list of tools and materials are generally required for every Kemper product application. All supplies should be present at the beginning of any project.

NOTICE: The Applicator must provide written confirmation that all materials are present at the training location (jobsite, warehouse, shop) prior to any training by KEMPER SYSTEM technical representatives. The Applicator will be charged for all expenses related to the rescheduling or delay of training due to all required materials not being available, in accordance with the KEMPER SYSTEM Approved Applicator Agreement.

The Applicant' first and last name will be noted by the Kemper Tech on site during training and will be logged. If no name is given, the applicant will NOT be certified.

Many tools (scarifiers, shot blasters, grinders, squirrel cage mixer, applicator nozzles) and materials (kiln-dried sand, ceramic-coated aggregate) are of a specialized nature, and are not widely stocked by commodity-oriented distributors. However, substitutions ARE NOT acceptable.

Tools and materials available through KEMPER SYSTEM (roller covers, roller handles, brushes and squirrel cage mixers) must be used to apply Kemper products. Substitutions ARE NOT acceptable.

Surface Preparation:

ALL concrete substrates require moisture testing prior to any of the Kemper materials being applied. Recommended methods are:

- Wagner Rapid RH L6 Tester and Tramex moisture meter
  - Rapid RH L6 is used for structural concrete & precast concrete
  - Tramex moisture tester is used for cement board & concrete block
- Psychrometer – daily documentation for the substrate conditions & weather conditions
- Gas-Powered Production Scarifier or Shot Blaster
- Detail Scarifier or Shot Blaster (typically requires 20-amp 110 v power supply)
- Power Grinder (typically requires 20-amp 110 v power supply)
  - Diamond Cups (for concrete and masonry surfaces)
  - Cutting Blades (for concrete and masonry surfaces)
  - Metal Abrasive Blades (for metal surfaces)
- Hand Scrapers
- Power Blower/Vacuum (typically requires 20-amp 110 v power supply)
- Push Broom
- Wire Brush
- 2-3 Gallon Agricultural-Type Tank Pressure Sprayer
- Pressure Washer with Minimum 3,000 Psi Equipped With Roto-Spray Tip
- Pancake Head Self-Drilling, Zinc Coated Stitching Screws to Secure Seams and Ridge Caps That are Not Flush to the Roof Surface
- Polyurethane Foam or Sponge Foam Strips to Fill Excessive Gaps in Ridge Vents, Duct Work, Etc...

Surface Patching, Repair, and Traction Surfacing:

- Kiln-Dried 00 Silica Sand (for mixing with primer or resin as repair slurry/mortar) *
- Margin Trowels (flexible trowels for applying repair slurry/mortar)
- One-Component Polyurethane Sealant
- Caulk Knives
- Closed-Cell Foam Backer Rod
- Kiln-Dried Ceramic-Coated Silica Aggregate (for traction surfacing)
- Kiln-Dried 0 or 1/2 Silica Sand (for traction surfacing, epoxy primers, alkalinity protection) *

Mixing:

- ½” Power Drill (typically requires 20-amp 110 v power supply)
- 3” and 4” Spiral Mixing Blades*
- 1 gal. Plastic Buckets w/Quantity Markings
- 5 gal. Plastic Buckets
- 8 gal. Plastic Bucket
- 5 gal. Squirrel Cage Mixer*
- Hand Scoop
- 1 gl. Stir Stick
- Scale – gram & kilogram

Application:

- 9” Roller Covers*
- 9” Roller Handles*
- 4” Roller Covers*
- 4” Roller Handles*
- Roller Handle Extensions
- 2-1/2” Long-Handled Brushes*
- 4” Chip Brushes
- Heavy-Duty Utility Scissors
- Utility Knives
- 5-in-1 Tools
- 10 oz. Caulking Gun
- 20 oz. Sausage Gun
- 1 qt. Size Open-Faced Caulking Gun
- LT-100 Applicator Nozzles*
- 2” Pressure Roller
- 9” Length 3/8’ Nap Rollers
- 9” Roller Handles
- Spill Containment Basin
- Adjustable Wrenches
- Sawzall With Metal Blades
- Water Source
- Metal Snips
- Pipe Wrench
- Non-Coated Polyester Mesh
- ¼ x ¼ x ¼ Square Notched Trowel

HeatBloc Spray Application:

- Graco 795 Airless Spray System or equivalent
- 3/8” hose
- 619 Reversible Tip
- 621 Reversible Tip
- Airess Spray Gun Extensions

Wall Guardian Application:

- Airless Spray System with a Minimum 2,000 to 3,000 Psi (At The Tip), Minimum 2 Gal. Per Minute. Gasoline Powered Engine With 12 To 16 Hp Hydraulic Operated Pump
- 635 To 645 Reversible Tip Without Atomizer Bar
- 627 To 631 Reversible Tip Without Atomizer Bar
- 615 To 623 Reversible Tip Without Atomizer Bar
- ¾" Hose Tapered Down to A ½" Hose
- 10' Whip Hose
- Heavy Materials Gun
- 24" Gun Extension

Protection:

- 6 mil Plastic Sheeting (for protecting building, completed Kemperol membrane, and stored materials)
- Duct Tape / Painters Tape
- Lint-Free Rags
- Methyl Ethyl Ketone (MEK) OR Acetone
- Cleaning Agent (such as Simple Green)
- Gauntlet-Type Polyvinyl Alcohol Gloves
- Safety Eye Glasses
- Breathing/Filtering Apparatus (as required by MSDS sheets)

** KEMPER SYSTEM -supplied tools specifically designed for use with Kemperol materials.*

APPLICATOR MATERIALS CONFIRMATION FOR TRAINING

This is to confirm that all required tools and materials are/will be present at the training location. It is understood that the Applicator will be invoiced for all expenses related to the rescheduling or delay of training due to all required materials not being available, in accordance with the KEMPER SYSTEM Approved Applicator Agreement.

APPLICATOR FIRM:

Firm Name: _____

Address: _____

City: _____ **State:** _____ **Zip:** _____ **Country:** _____

Officer Signature: _____ **Title:** _____ **Date:** _____

Phone:( ) _____ Extension: _____