

Eco De Vita™ KRT Application Manual

Version 1.2

Proper application is the responsibility of the users

Safety Precautions

NIOSH approved dust masks (N95) and chemical resistant gloves for application and removal of the products.

The products should be mixed and applied in appropriately and adequately ventilated area.

(1) Surface Preparation

Eco De Vita™ KRT is suitable for use on:

- Cement Mortar
- Gypsum Board

NOTE:

- Do not apply Eco De Vita™ KRT on wallpaper, damp surface, and impermeable surface.
- Do not use Eco De Vita™ KRT on exterior walls.

PROCEDURE:

1. Gypsum board surface: Clean and dry surface. Scrape off loose materials and flaking materials that would impair coating bonding.
2. Cement mortar surface: Verify surface is free of defective conditions including cracks, laitance, efflorescence, and others that would affect coating bonding. Remove such defective conditions according to Eco De Vita™ SKPT's installation manual.
3. Provide protection over adjacent surfaces.
4. Apply and dry oil based paint over rusted area.
5. Patch holes and joints between wall panels.
6. Apply and dry water based sealer to:
 - i. -Joint compound not adhering to primer sufficiently
 - ii. -High contrast color stains
7. Apply Eco De Vita™ SKPT or water-based primer approved by Shikoku International Corp.
8. Follow primer manufacturer's installation manual.
9. Dry primer completely before applying Eco De Vita™ KRT.

(2) How to mix

NOTE:

- Do not use drum mixer machine. Use hand-held mixer.
- Size batch for entire surface area where consistent texture or consistent color is required.
- Combine and re-mix multiple batches as necessary.
- Apply coating mix promptly within maximum of 5-hour after mixing.
- Continuously mix while adding materials.

Mixing for spray gun application

- Standard quantity of water: 4 and 1/4 quart (4.2-liter) per one bag of Eco De Vita TM KRT
- One bag of Eco De Vita TM KRT covers approximately 21 to 25 square feet of coating area.

PROCEDURE:

1. Pour 80% of standard quantity of water (3 and 1/2 quart) into a plastic mixing container.
2. Shake and add (1)-bag of SK Select color. Rinse the bag in mixing water to release remainder completely. Mix SK Select color and water.
3. Add and mix Eco De Vita TM KRT thoroughly by hand mixer.
4. Stop mixing and let the mix stand for 20 minutes.
5. Add the remainder of water until mix reaches necessary consistency.
6. If desired, add optional textual additives by sprinkling them during last mixing cycle.

Mixing for trowel application

- Standard quantity of water: 4 quart (3.8-liter) per one bag of Eco De Vita TM KRT
- One bag of Eco De Vita TM KRT covers approximately 32 to 36 square feet of coating area.

PROCEDURE:

1. Pour 80% of standard quantity of water (3 and 1/4 quart) into a plastic mixing container.
2. Shake and add (1)-bag of SK Select color. Rinse the bag in mixing water to release remainder completely. Mix SK Select color and water.
3. Add and mix Eco De Vita TM KRT thoroughly by hand mixer.
4. Stop mixing and let the mix stand for 20 minutes.
5. Add the remainder of water until mix reaches necessary consistency.
6. If desired, add optional textual additives by sprinkling them during last mixing cycle.



(3) How to apply

NOTE:

- Two-coat is recommended.
- Interrupt application only at junctions of coating planes, at openings, and at edges.
- Recommended total coating thickness is 3/32-inch.

Spray gun application

PROCEDURE:

1. Use 4mm nozzle with air pressure between 72 and 85 pound per square inch.
2. Spray Eco De Vita KRT mix. First coat shall be flat to true surface and thinner than second coat.
3. When first coat surface water begins to withdraw, spray second coat uniformly.
4. Complete optional finishing while second coat surface is wet.

Trowel application

PROCEDURE:

1. Use stainless steel trowel.
2. Apply first coat. First coat shall be flat to true surface and thinner than second coat.
3. When first coat surface water begins to withdraw, apply second coat uniformly.
4. Complete optional finishing while second coat surface is wet.

-End of Application Manual-