

Eco De Vita™ SAO

Installation 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) Preparation of Surface

Eco De Vita™ SAO is suitable for use on:

- Cement Mortar
- Gypsum Board

NOTE:

- -Do not apply Eco De Vita™ SAO on wallpaper, damp and impermeable surface.
- -Do not use Eco De Vita™ SAO 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 (for minimum 12 hours) before applying Eco De Vita™ SAO.

(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 trowel application only

- Standard quantity of water: 2 and 1/4 (2.2L) per one bag of Eco De Vita™ SAO
- One bag of Eco De Vita™ SAO covers approximately 28 to 35 square feet of coating area.

PROCEDURE

1. Pour 80% of standard quantity of water (1 and 3/4 quart) into a plastic container.
2. Add and mix one bag of Wall Bond (SAO, WRK) bonding emulsion, with hand mixer.
3. If you are using optional silk fiber additive, add & mix it with hand mixer. If not, go to procedure 4.
4. Add one bag of Eco De Vita™ SAO and mix it thoroughly by hand mixer.
5. Stop mixing and let the mixture stand for 20 minutes.
6. Add the remainder of water until mix reaches necessary consistency.

(3) How to apply

NOTE:

- Two-coat is recommended.
- Eco De Vita™ SAO is suitable for trowel application. Do not use spray machine.
- Interrupt application only at junctions of coating planes, at openings, and at edges.
- Recommended total coating thickness is 3/32-inch.

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.

-End of Installation Manual-