

PROCEDURE FOR APPLYING FRONTIER DESERT DECK TO EXISTING CONCRETE.

1. Remove any loose material from the existing concrete.
2. Pressure wash.
3. Acid wash existing concrete while deck is wet (never acid wash concrete when dry).
4. Pressure wash a second time.
5. Scrub deck with Tri-Sodium Phosphate to neutralize acid.
6. Pressure wash a third time.
7. Using a paint roller, roll two coats of Frontier Bonding Agent onto deck. Let dry between coats.
8. Let dry completely.
9. Begin to apply Frontier Desert Deck early the next morning.
10. Dry mix 100# marble sand, 94# bag of white cement and 1 unit of Frontier Desert Deck in a paddle type mixer. Cover the mixer when dry mixing.
11. Fill a bucket with 4 1/2 gallons of water.
12. Pour water into the mixer on the "lea" side (where the paddles are on the down stroke).
This will produce a thick paste. Mix until color is thoroughly blended and no pure color smears are seen on the mixer wall.
13. Cover the mixer with a plastic sheet to retain heat.
14. Add 1 1/2 quarts of Frontier Bonding Agent to the mixer.
15. Let mixer turn only a few revolution before adding approximately 3 gallons of water to bring the mix to a "Dash Consistency". This final water should be added by the Dash Man to assure proper consistency.
16. Roll a fresh coat of Frontier Bonding Agent on the deck just in front of the Dash Man.

YOU MUST DASH FRONTIER DESERT DECK INTO WET BONDING AGENT WHEN APPLYING TO EXISTING CONCRETE.

17. Frontier Desert Deck should be applied approx. 1/4 to 3/8 inch thick to the concrete surface.
18. Begin to trowel with the trowel held flat setting a 50% "flat to void" pattern. Do not exceed 50% on the flat portions as this can cause "craze cracks" on the large flat spots.
19. Do not wet the decking to cure until the next day because it will cause bonding agent to rise to the surface leaving a white discoloration.
20. The day after the application, apply Desert Seal. Apply just heavy enough to leave a water glaze.

Frontier Desert Seal disclaimer

Calcium Chloride

Many experienced contractors use Calcium Chloride to produce a higher "dash pattern".

The heat produced by Calcium Chloride causes the Frontier Desert Deck to "stand higher" when it is applied because the material is already trying to take a set. Although this method provides an easier texture to trowel (and more uniform pattern), this technique does not affect the thickness of the finished product.

A. Ad 1 1/2# Calcium Chloride to the initial 4 1/2 gallons of mixing water and mix as described above.

B. Cover the mixer with plastic sheeting to retain heat.

(Between the heat produced by the chemical reaction of the Calcium Chloride and the heat created by friction, you should see a 15 degree temperature increase to the mix).

C. Continue mixing as described above.

D. Apply Frontier Desert Deck, as described above, as quickly as possible as the Calcium Chloride is an excelerator.

Note: The addition of Calcium Chloride to the mix may cause a "bloom" (salt haze that rises to the surface during the cure process). Mix only one unit at a time when using Calcium Chloride.

It is the responsibility of the applicator to determine the suitability of using Calcium Chloride as the advantages of the improved texture must be weighed against the necessity of a quicker application.