

# DensiCrete

## APPLICATION SUMMARY

Application of **DensiCrete** to roads and bridges normally requires 1.5 coats, both of which will be fully absorbed into the concrete structure.

Because **DensiCrete** has a normal spread rate of 150 sq. ft. per gallon (equal to an 11 mil coat), 1.5 coats can be easily accomplished using the spray procedure described below.

**DensiCrete** normally is applied using 40 psi pressure spraying equipment, although it can be brushed or rolled on.

**DensiCrete** should be sprayed from plastic or plastic lined sprayers. For smaller jobs, such as bridges, we recommend that the applicator use a Hudson (or equivalent) sprayer model 91184 CCV or 93184 (back pack sprayer) with the standard 8004 nozzle (#805852), spray management valve (#38986) and holder (#38984), at a cost of under \$90.00. These sprayers can be ordered directly from Hudson by calling them in Chicago at 1-800-745-2392. You can ask for Gene Short at Ext. 2367 or ask for one of his assistants in sales. Alternatively, Hudson sprayers may be ordered from their network of distributors.

The model 91184 and the 93184 sprayer holds 4 gallons (you will fill it to about the 3 1/2 gallon level to allow for air), sprays at 40 psi, and with 8004 nozzle, has a spray rate of .4 gallons per minute. This means that one worker will cover about 60 sq. ft. per minute with the first application and about 120 sq. ft. per minute with the second application. This assures quick and accurate application of **DensiCrete**.

For larger highway application, Hudson (or equivalent) can design special spraying equipment which can be used to spray from trucks.

**SPECIAL NOTE:** In addition to the concrete surface temperature parameters of 50 degrees F and 90 degrees F, **DensiCrete** should not be applied when the air temperature is expected to fall to 32 degrees F or below at any time, day or night, during the product's 28 day cure period.