

CANZAC® | GROUP

Improving the performance of concrete worldwide©



CURING SYSTEMS

PENTRA-SIL HD+C

APPLICATION INSTRUCTIONS



GENERAL REMARKS

Pentra®-Sil (HD+C) is a transparent, water-based curing, hardening and densifying agent that forms a membrane on the substrate. This single-application treatment makes the surface stronger and more resistant to abrasion than traditional methods.

Pentra®-Sil (HD+C) **Must be applied to fresh or green concrete , immediately after finishing operations are complete and "Bleed water" has dissapeared . Apply at a coverage rate of 12m2 per litre**

Application of HD+C too early or too late can affect the overall curing performance.

Joints must not be sawn until completely dry!

Dry cutting is the easiest way to cut joints, when cutting with water, do not leave any water on the floor. vacuum up any residual water immediately. use a scrubber-dryer to clean and vacuum up all the water as soon as possible.

Do not leave standing water on the slab or at shrinkage joints

Do not step on the product while drying

EQUIPMENT

1. Scrubber machine + brushes and pads
2. Vacuum cleaner
3. HVLP sprayer or pump sprayer
4. Flat microfibre, soft broom, paint roll.

MIXING - DO NOT DILUTE

Stir thoroughly prior to use. Do not thin or dilute.

We recommend blending for a minimum of 10 minutes just before spraying .

Do not over agitate with compressed air or recirculating pump.

Application equipment must be clean and free of foreign materials.

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APPLICATION PROCESS

Use low pressure spray, roller or brush. Apply uniformly without puddles.

Spray in a uniform coat pattern and try not to overlap coats which can cause darkening.

DO NOT OVER APPLY OR APPLY SECOND COATS.

ALWAYS DO A TEST SPOT BEFORE STARTING THE WHOLE JOB.

ESTIMATE COVERAGE

Apply the product at a rate of 12 Sqm² per L on a C30/35. Use a low-pressure sprayer to apply a uniform layer on the surface. Do not puddle.

Don't apply in cold conditions (+5°C for the slab)

Allow 1-2 days to completely dry before traffic. The product will begin to dissipate after 1 week.

HOW TO CLEAN THE MEMBRANE

- After 28 days use an auto scrubber, black pads, and water to remove any remaining cure material.
- If you get some problems to remove the membrane use a scrubber machine and our Pentra®-Clean (CR) with nylon brushes or pads.
- If additional shine is desired start burnish with black, red or white pads and if you need more shine apply a coat of Pentra®-Guard or Finish followed by Burnishing with an 800-grit diamond pad.

CLEAN UP

Clean all your material with water.