TOOLS / USE

Radcon Formula #7® has a similar viscosity to water, which makes it basically easy to apply. Different application methods can be used depending on the size of the surface to be treated.
The options range from manual sprayers for small jobs to motorised sprayers for car parks, bridge decks or runways.

Manual spraying device
The hand-held sprayer is ideal smaller jobs such as spalling, cavity treatment or covering just a few square metres.

Backpack spray unit
When using a pressurised solo backpack spray, coverage of 150 to 250 square metres per hour can be achieved.

Applied quantity:
Normal concrete surface approx. **0,2** litres/m²
Plane, very dense surface approx. **0,17** litres/m²
Porous concrete surface approx. **0,25** litres/m²

BEFORE APPLICATION

Important notes:
1. The surface must be fully cured.
   (usually after 28 – 30 days)
2 The surface must be dry. It should be free of water (or rain) for at least 24 hours before application.
3. **Radcon Formula#7®** must be applied to a clean, dust- free surface. The sintered layer must be removed.
4. All materials that delay penetration must be removed.
   (e.g. oils, greases, bitumen or road markings)
5. Gravel pockets, blowholes and concrete shadows must be professionally removed and filled.
6. Do not apply in adverse weather conditions such as rain or strong winds, as even distribution is not guaranteed.
7. When spraying vertical surfaces, care must be taken to ensure that the product is applied in even, thin layers so that **Radcon Formula#7®** does not run off the wall unevenly. Spray on from top to bottom, adjust the quantity if necessary, recommendation 0,25 – 0,3 Liter/m²

APPLICATION

1. Apply the appropriate amount evenly using a sprayer.
2. As soon as Radcon Formula #7® is completely absorbed into the concrete surface, usually after 4 to 6 hours, the surface has the be watered.
   A light spray mist should be used, the amount of which corresponds approximately to the amount of **Radcon Formula#7®** applied.
   Approximately 0.2 to 0.3 litres per m².
3. The application time should not exceed 6 hours. In hot and dry weather, the first watering can also be applied earlier. Ensure that the surface is dry to the touch before watering.
4. Apply the 2nd watering 24 hours after the first application
5. Apply the 3rd watering 48 hours after the first application.
6. The timing of the 2nd and 3rd watering can be slightly later than specified without negatively influencing the effect of **Radcon Formula #7®** . The first watering is decisive.
7. Only clean the sprayers with demineralised water (distilled water), as even small amounts of calcium can cause the spray unit to stick!



Image 1



Image 2



Image 3

Image 1 & 2: Application with **Radcon Formula #7®**
Bild 3: Soaking with water (do not use demineralised water!)

OCCURRENCE OF LEAKS

1. If leaks continue to occur after a sufficient reaction time, these are usually due to gravel pockets or dynamic cracks.
2 . Correct these errors using suitable procedures.
3 . Dynamic cracks must be repaired with flexible additional products for sealing.
4. Reapply in the reworked areas.

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