



IMPERGUARD® RF

Protection of New
Concrete Surfaces
Meets Standard.

- Protection Against Water, Chlorides and Carbonation
- Prevents Corrosion of Concrete Reinforcements
- Invisible
- Deep Penetration Up To 5 Cm
- Let's the Surface Breathe

SPECIFICATION TEXT

High performance water-repellent

ImperGuard® RF prevents water penetration, and thus eradicates the negative effects caused by humidity: frost, saltpeter, moss, chlorides, carbonation, orrosion...

Deep penetration

ImperGuard® RF penetrates up to 5 cm. It also protects in case of microcracks measuring up to 0.3 mm and stops alkali/silica and alkali/aggregate reactions in concrete.

Complies with standard EN 1504

ImperGuard® RF is a CE marking product, that meets standard EN 1504-2, allowing it to provide protective treatments for concrete.

APPLICATION

Application according to the manufacturer's literature and data sheet.

Substrate preparation:

Observe the conditions of application and preparation on cured concrete older than 28 days, dry and clean according to standard DTU 59.1.

- Remove the efflorescence and cement deposits with the product **Guard Remover® Eco Efflorescence & Cement**. or similar except on metallic fibers surfaces (in this case, use **Guard Cleaner® Eco Soiled Floors**)
- Dirt and greasy stains shall be removed with **Guard Cleaner® Polluted Facades** or **Guard Cleaner® Eco Soiled Floors** or similar.
- Remove organic soiling with **Guard Wash®** or similar.
- Remove the existing paint by chemical stripping process, with the product **Guard Remover® Eco VG Painted Surfaces** or similar.

HOW TO USE

Surface Preparation:

- The surface must be dry, clean and free of any traces of oil, grease, curing product, dust, efflorescence, paint or any other substance liable to interfere with the penetration of ImperGuard® RF.
- In the case of pollution, grease stains, efflorescence, laitance or concrete bloom use **Guard Remover® Eco Efflorescence & Cement**.

Application:

- Use neat, do not dilute.
- Shake the product well before use.
- Always carry out a preliminary test.
- Application requires 1 to 3 coats until the substrate is saturated, depending on exposure to weather and attack. In exceptional cases (e.g. tides, marine environment), 3 to 6 coats will be required.
- ImperGuard® RF can be coated within 4 hours to 1 day after application with a protective product such as **ProtectGuard® HD**, **ProtectGuard® Color** or a paint.
- Optimal efficiency obtained after 14 days.

