

PATRON 98

ADVANCED CORROSION INHIBITOR



PRODUCT SHEET

DESCRIPTION

Patron 98 is a modified-silane based penetrating and water-repellent corrosion inhibitor, designed for the protection of reinforced concrete structures. Patron 98 combines both organic and inorganic protection mechanisms to achieve maximum efficiency even in highly aggressive environments. By penetrating the concrete, it forms a hydrophobic protective layer on the reinforcement surface, reducing chloride-induced corrosion and drastically decreasing water absorption. Highly reactive and resistant to alkaline environments, it creates colourless impregnations that remain vapour permeable.

FIELDS OF APPLICATION

- Above-ground reinforced concrete structures;
- Buried reinforced concrete structures;
- Marine-exposed concrete structures;
- Parking areas and bridge decks;
- Concrete structures exposed to de-icing salts.

PRODUCT DATAS

Base	-
Catalysis ratio	Single-component
Mixing ratio	-
Composition	Modified silanes
Appearance	Milky liquid
Specific weight	0.88 kg/L
Dry residue	98.0%
Dilution	-
Pot Life	-

CONSUMPTION

0.5 L/m² (applied in two or more coats). This consumption is based on a smooth and optimal substrate. Highly porous substrates, humidity, temperature and application method may influence consumption.

COLOUR

- Transparent

PACKAGING

- 1.0 L
- 5.0 L
- 20.0 L

APPLICATION

SUBSTRATE PREPARATION

The concrete surface must be clean. All traces of dirt, dust, efflorescence, mould, grease, oil, asphalt, paint, curing compounds and any materials that may inhibit penetration must be removed. Acceptable cleaning methods include sandblasting, water-blasting, grinding or chemical cleaning.



Date 15/10/2025

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Remove all loose or delaminated parts, including laitance. Remove any previous repair work if irreversibly damaged. Weak or deteriorated substrates must be reconstructed.

For additional protection, Patron 98 may be applied directly to exposed reinforcement before proceeding with repair work.

For superficial shrinkage cracks (< 0.3 mm), apply Patron 98 in multiple coats or until full saturation. Apply on dry substrate to ensure deep penetration.

PRODUCT PREPARATION

Ready-to-use single-component product. Mixing is not mandatory, but gentle stirring with a low-speed drill is recommended for complete homogeneity.

PRODUCT APPLICATION

Apply using conventional techniques: brush, roller or low-pressure sprayer. Apply multiple coats wet-on-wet, ensuring each coat is fully absorbed before applying the next.

CLEANING EQUIPMENT

Clean equipment immediately after use with a suitable organic solvent. Hardened material can only be removed mechanically.

STORAGE

Store the product in its original sealed containers, in a dry area, away from heat sources, at temperatures between +5°C and +25°C, for up to 12 months.

WARNINGS

- Do not apply in case of imminent rain or frost;
- Protect aluminium, copper, galvanized steel and natural stone surfaces from accidental contact;
- Do not apply on water-saturated surfaces;
- Allow surfaces to dry for 24–72 hours after intense rain or washing;
- Avoid application in direct sunlight, strong wind or rain;
- Do not apply on concrete in contact with drinking water;
- Do not dilute.

HEALTH AND SAFETY

Refer to the latest Safety Data Sheet for instructions on handling, storage and disposal. Do not release product or empty containers into the environment.

For PROFESSIONAL USE ONLY.

LEGAL NOTICE

The information and recommendations given above, although they correspond to our best experience, must in any case be considered purely indicative and must be confirmed by exhaustive practical applications. Therefore, before using the product, anyone who intends to make use of it must determine whether it is or is not suitable for the intended application and, in any case, assumes all responsibility that may arise from its use. Always refer to the latest updated version of the technical data sheet, available on the website btechitalia.eu.



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