

## Product Data Sheet

### NewPro Nano Protective Coating RK/LC for Concrete with increased protection needs.

**Also suitable for plastic substrates with additional formulation.**



Silo



Filling



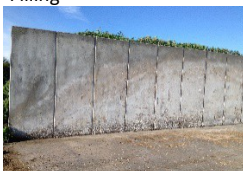
Double silos



Old coating



Old and partly new coatings



Damaged old coatings



New coatings with protective coat



Other possibilities

### Product Description and Properties

**NewPro Nano Protective Coating RK/LC** is an effective coating for all open-pored and absorbent surfaces and materials such as for example: concrete, sandstone, lime sand brick and similar surfaces in outdoor areas. The protective coating is invisibly transparent and has a matt gloss (with little colour change) or in black. Please let us know on ordering if the formula for concrete or for plastic substrates is required.

The product forms a very resistant protection against destruction by bio gases, plant-based acids and ferments, chlorines, organic or chemical decomposition by dirt, moisture, grease/oils and much more.

**NewPro Nano Protective Coating RK/LC** prevents the absorption of liquids in the stone area, but remains in itself diffusible. At the same time preventing the formation of moss, algae and green coatings.

**NewPro Nano Protective Coating RK/LC** forms a barrier against many types of contamination. Impurities can be significantly simpler and quicker removed.

### Application:

**NewPro Nano Protective Coating RK/LC** is a ready-for-use solution which can be thinned by a little water to change its viscosity (by application by spraying). Before use the container has to be shaken well. Before beginning the application a trial should be carried out on a non-conspicuous area. Before applying the solution all surfaces have to be cleaned and if necessary treated with algae and moss remover or stone cleaner. The areas have to be cleaned well with clear water after cleaning to neutralise any cleaning residues. Processing temperature should be between +5°C and 30°C (ground and air temperature). Do not apply in rain.



**NewPro Nano Protective Coating RK/LC** is applied evenly and as an extensive covering to the clean and dry surface (crosswise application) by spray gun, paint roller, or brush. Care is to be taken that seams or joints are covered sufficiently. It is generally to be observed that no more solution is applied than the surface can absorb. Vertical surfaces should be coated from bottom to top. Pool formation is to be avoided and any surplus solution removed with an absorbent cloth or sponge at the latest 15 minutes after application and before the surface can dry out.

**NewPro Nano Protective Coating RK/LC** penetrates within a short time and dries rapidly.

All surfaces must be covered with a second coat to ensure a stable coating thickness and that pores or unevenness are sufficiently covered with **NewPro Nano Protective Coating RK/LC**.

Accessibility to the surfaces is possible after an optical drying is visible. The complete reaction time of the hydrophobic treatment takes about 24 hours. Significant however are the actual air humidity and temperature levels. Surfaces which are not to be impregnated have to be sufficiently protected. Should however some liquid go outside the intended area it should be wiped off at once with a damp cloth. Tools used for the application have to be thoroughly cleaned with water after use.

**NewPro Nano Protective Coating RK/LC** should not be used on sealed, polished, glazed and non-absorbent surfaces.

**Possible damages can be simply improved after cleaning the damaged area. We recommend (e.g. for silo walls) the use of a black coating to be able to recognise material damage or holes in the first or second coat.**

### Consumption:

1 Litre is sufficient for max. 10m<sup>2</sup> / each coating (100 ml/m<sup>2</sup>). Variations are possible according to the absorbency of the surface.

### Technical Details:

**Odour:** typical  
**Appearance:** transparent or black  
**pH-Value:** not known.

### Storage:

Keep opened bottles or canisters closed and use within 8 weeks. Store in a cool, dry and frost-free area.

### Dilution Grade:

**NewPro Nano Protective Coating RK/LC** is a ready-for-use solution, which should not be diluted. The viscosity can however be adjusted with clean water to enable spraying after being well shaken.

### Subsequent Maintenance Cleaning:

To maintain the protective coating, very dirty surfaces can be cleaned with a high-pressure hose without a dirt-milling machine. Stubborn dirt can be cleaned off with a cleaning solution using a brush or scrubber.

### Disposal / Protective Measures:

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**NewPro Nano Protective Coating RK/LC** is a non-labelled product. Do not pour the concentrated product into the wastewater, thin beforehand with water. Only completely emptied and cleaned bottles and canisters can be recycled with the Dual-System in Germany.

**NewPro Nano Protective Coating RK/LC is to be kept out of the hands of children.**

#### **Available Container Sizes:**

10 or 25 Litre canisters. Larger containers on request.

We remain at your disposal to answer questions with reference to performance, use, and chemical specifications. This technical information sheet does not replace the appropriate Data Safety Sheet. The data is based on today's state of our knowledge and experience. As the individual use of the product varies, we can only accept liability for consistent quality.