



Technical Data Sheet

NewPro Long-Term Coating RK CCS

Product Characteristics:

The product forms a highly transparent protective coating, without changing the visual appearance of the original base. Characteristics: **NewPro Long-Term Coating RK CCS** protects against dirt, grime, most chemicals and weather influences. Reduces the risk of mechanical damages. A further important feature, is the excellent anti-bonding property against Graffiti and any type of paint. **NewPro Long-Term Coating RK CCS** prevents adhesion of other materials to the protected surface. The fire hazard properties of all coated base materials will not be affected. In fact, **NewPro Long-Term Coating RK CCS** is heat resistant up to +850°C after hardening. The very thin layers of our product, which are between 3 - 8 thousandths of a millimeter, depending on requirements, allow very light and cost-effective coating solutions, especially in applications with large surfaces. **NewPro Long-Term Coating RK CCS** is food proof.

- Protects against weather influences, chemicals, paint, lacquers, ink and markers.
- Suitable for almost every type of base material.
- Does not contain fluorine. Highly transparent.
- Does not change the visual appearance of the original base material.
- No negative influences on the fire hazard properties of the base material.
- Minimum material required in relation to surface areas.
- Optimal application temperature range is from 10°C up to 30°C.
- Hardening occurs between +5°C and ca. +80°C.
- The hardened coating is heat resistant up to +850°C.
- Resistant against acids, weak bases, alcoholic-, ketonbased and other organic solvents.

Field of Applications:

Field of **NewPro Long-Term Coating RK CCS** - Protection is a dirt-repellent, UV-stable coating, mainly developed to protect galvanized or painted metal surfaces, and untreated raw metals as aluminum, brass, bronze, chrome, copper, nickel, stainless steel, etc. glass, ceramics, plastics and foils.

Polyethylene, polypropylene and PVC cannot be coated.

- Complete passenger cars, trucks, coaches, trains, trailers, containers and mobile homes, etc.
- Aluminum wheels, spoke wire wheels, brake calipers, engines and engine parts, exhaust systems, machinery, etc.
- Metal objects as window frames, building facades, roller blinds and doors, etc.
- All glass, traffic signs, promotion signs, bus stops, ticket vending machines, display boxes, etc.
- Synthetic fiber materials, canvas covers, soft tops for open cars, boat covers, etc.
- Viewing glass and glass panels for fireplaces and ovens, ceramic cooking fields, kitchens and wet areas.
- Wooden surfaces



Application and Handling

Before applying **NewPro Long-Term Coating RK CCS**, surfaces must be clean, free of grease, wax and dust. The protector can be applied with rolls, clean, soft fluff free rags, per spray-gun or dipping. Optimal easy-to-clean properties can already be achieved with a coating thickness of 2 thousandths of a millimeter. A higher stage of protection against graffiti and mechanical wear, it is best achieved with coating layers of 5 thousandths of a millimeter. **NewPro Long-Term Coating RK CCS** - Protection consumption, depending on base materials to be protected and thickness of layers, can be between 2 ml up to 5 ml per square meter.

Drying process occurs at room temperature of 20°C, in 1-2 hours, depending on layer thickness and evaporating conditions. After 24 hours, 90% of the end hardness is reached, mechanical strain can now be applied to the coated items, if required. Complete hardening of **NewPro Long-Term Coating RK CCS** - Protection at room temperature, is completed after ca. 7 days. The process can be shortened by applying heat to the coated items. At 60°C – 80°C, the hardening procedure is finished in about one hour, plus cooling down time.

Safety:

Application should only be in open air or in properly vented areas. Temperature should be from 5°C - 30°C, without exposure to sun or rain. We strongly recommend protective clothing (gloves, goggles, masks) Preferable is the use of a professional spray-cabin with fume extraction and heating. Not to be mixed with other liquids. Store dry and cool. Keep away from heat and open flames. Keep out of reach of children. If swallowed, seek medical advice. Show package or label of product. Storable for 6 months in original container.

Before given information describes newest state of development and application. As we have no control over handling procedures of the end user, we cannot take liability for any damages or problems, while using our product. Statements, given beyond our data sheets, must have our written confirmation. Please also take note of the safety data sheet of our products, which are available on demand.

Important Note:

This technical information has been compiled on the basis of the latest state of the art and our experience. In view of the variety of substrates and object conditions, however, the user is not released from his obligation to test our materials under his own responsibility for their suitability for the intended purpose under the respective object conditions in a professional and workmanlike manner.

Since application and processing are beyond our control, no liability of the manufacturer can be derived from the contents of the technical data sheet. In any case, our general terms and conditions apply. In case of a new edition this publication loses its validity.

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