



### Technical Data Sheet

## NewPro permaSeal NA 210 TEX

(permanent textile impregnation)

<b>Product:</b>	Organic coating material based on chemical nanotechnology. The material forms a permanent transparent and ultra thin coating on textiles and makes them water-, oil- and dirt-proof.
<b>Suitable substrates:</b>	PES, PES/cotton, paper.
<b>Material base:</b>	Aqueous polymer emulsion.
<b>Packaging sizes:</b>	By arrangement.
<b>Storage:</b>	At least 24 months in original containers at room temperature. Keep from freezing and temperatures above 50°C.
<b>Application process:</b>	Foulard application, dipping, spraying.
<b>Colour:</b>	Opaque.
<b>Viscosity:</b>	Not specified.
<b>Consumption:</b>	Ca. 250 ml per m <sup>2</sup> , depending on the textile.
<b>Preparing the substrates:</b>	Free from dust, soiling and additives like finishes and glazes.
<b>Mixing:</b>	NewPro permaSeal NA TEX 210 is a ready to use product, if necessary use catalyst to adjust to pH 4 – 5.
<b>Application:</b>	Application by Foulard process, foam process, or spraying.
<b>Application temperature:</b>	Room temperature.
<b>Setting:</b>	Heat treatment at ca. 150 °C for approx. 3 minutes or at 170 to 180 °C for 40 to 50 seconds. <u>Be aware, that an exhaust system and sufficient ventilation is required!</u>
<b>Cleaning of coating set-up:</b>	Use benzene for cleaning if necessary.
<b>Touching up and re-coating:</b>	Touching up: Due to wear (e.g. by washing-machines) the effect of impregnation can decrease, but can be regained by ironing or hot drying in a dryer. Requirements for re-coating must be fixed depending on the textile.
<b>Cleaning of coated substrates:</b>	Wash as usual.
<b>Protective measures:</b>	While applying NewPro permaSeal NA TEX 210 the signs and information on the label and the security and safety procedures recommended in the Material Safety Data Sheet should be considered, as well as the instructions of the respective Employers Liability Insurance Association for the prevention of accidents.
<b>Waste management:</b>	Has to be deposited according to requirements of the local authorities.

#### Read carefully:

The information on this data sheet is based on the current status of technical development as well as our experience with the product. However, given the variety of surfaces and ambient conditions, the information provided on this data sheet shall in no way diminish the responsibility of the user to ensure with due care, that our product is suited for the intended purpose, surface and application conditions. Since application and processing lie outside our purview, no manufacturer liability shall be derived from the information provided herein. Our General Terms and Conditions of business shall apply in all cases. All information is subject to change without notice.

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