kreussler
TEXTILE CARE



HYDROB PN

Highly concentrated waterproofing agent for textiles, awning and tents. For application with water.

Characteristics

- HYDROB PN provides highly effective, water repellent effects on all textiles; main use for waterproofing of awning and tents.
- Handle: Textiles finished with HYDROB PN have a full soft handle if dried at not less than 45 °C (113 °F) after application.
- HYDROB PN reduces the breath ability of textiles; for proofing of membrane articles we recommend the use of HYDROB FC.

Chemical-physical data

Appearance:	Stable milky emulsion
Density:	1,1 g/ml, 20 °C (68 °F)
pH value:	4.5-5.5

Application

General

HYDROB PN is acetic-acid adjusted to pH 5. There is thus a risk of corrosion of iron-based metals, so stainless steel or plastic containers should be used. Items with metal fittings (awnings, lengths of canvas) should be dried immediately after treatment. Avoid articles sticking together.

When used in hard water, addition of acetic or formic acid (approx. 1 %) is required.

Spray process

Dilute HYDROB PN with hand-warm water to a 1: 10 ratio and spray as a fine mist on to the surface of the work, so that fine, even moistening is achieved.

Dry at 45 - 50 °C (113°F-122 °F) for at least 3 min (steam cabinet or tunnel; steam-air former: 2 stages, steam + hot air).

Dip process

Proofing solution of 20 - 30 ml HYDROB PN per litre (2.56-3.84ozfl/gal) water. Dip items to be proofed, extract to approx. 100 % residual moisture and dry at 45-50 °C (113-122 °F).

The proofing solution may be used several times.

Washer-extractors

Load to max. 75 % of capacity.
Using low dip level (liquor ratio approx. 1: 3), heat bath to 30 °C (86 °F), add approx. 50 - 70 ml HYDROB PN per kg (0.8-1.1ozfl/lbs) load, process for 10 min, short extraction.

Tumbler drying required - minimum 60 °C (140 °F).

Padding

To treat canvas or awnings, HYDROB PN can be applied evenly on to the textile surface. To achieve good proofing results, a drying temperature of at least 45 °C (113 °F) is required.

Advice

For proofing of membrane articles we recommend the use of HYDROB FC.

Use and Storage

In closed containers, HYDROB PN has a minimum shelf life of 24 months.

Avoid long-term subjection to frost and temperatures lower than -10 °C (14 °F).

After contact with frost, warm HYDROB PN to 30 °C (86 °F) and mix well.

After it has been left standing for long period short stirring or mixing is recommended.

All the details given are correct to the best of our knowledge. They must be adjusted to suit operating conditions. We accept no liability in respect of this information.

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