

GOLDGUARD ALP

Universal water repellent agent.

Nonylphenol Ethoxylate Free.

Features and benefits:

- Paraffin emulsion with aluminum salt. Cationic.
- Excellent water repellent effect.
- High water column resistance.
- Excellent operating properties, including wet on wet process.
- Soft and smooth touch.
- No color brightness loss.

Use a large quantity can produce a tendency to exhibit finish mark-off as it happens with all paraffin emulsions.

Physicochemical parameters:

Aspect	White opaque to slightly yellow liquid.
Chemical Nature	Composition based on paraffinic emulsion.
Ionic character	Cationic.
Solubility (sol. 10% w/w)	Soluble at 25°C in all proportions, under stirring.
pH (such as)	4.0 – 6.0
Specific weight (25°C)	1.03 g/ml
Compatibility	Not compatible with alkalis.
Storage stability	The product stability is conditioned to the use and storage.

Application:

- Water repellent finishing on cotton and synthetic materials.
- Finishing of velvet fabric and rayon linings, as well spun polyamide/rayon and polyamide/wool.
- Water column resistant finishing for camping tents, camping materials and cotton canvas including their blends with synthetic fibers.

Recipe suggested (Impregnation in padder):

Material	Pick-up	Quantities to use
CEL	65-90%	50-80 g/L
camping materials / cotton canvas	55-80%	150-300 g/L
Rayon fabrics	70-90%	60-80 g/L

If different pick-up values those described above are used, the recipes should to be adjusted.

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Dissolution:

- Dilute with cold water, previously acidified with 2 ml/l acetic acid (60%), proportion 1:1.

Application:

- It is recommended a temperature around 20 - 25°C with pH 4 and 4.5 for the finishing bath.
- Dry at 110-130°C.
- There is no need polymerization, unless condensation resins are used together.

Combination possibilities:

GOLDGUARD ALP can be added to the bath along with any usual synthetic resins for high quality finishing, as well as based on polyvinyl alcohol (PVA).

Notes:

This product fits the requirements of ZDHC program (Zero Discharge of Hazardous Chemicals).

For data of security, ecological and toxicological, see the Safety Data Sheet (SDS).

Note: Given the variety of substrates and applications processes, the information provided with fidelity should be understood as a guidance tool, therefore we cannot be responsible for any damages resulting from an inappropriate use. The data contained in this technical informative are based on current knowledge and applications of our products performed. Additional information can be obtained from our technical department. Review: 02/26/2018.