



## HYDROB EASYDRY

**Water and oil proofing agent for waterproofing and stain protective finishing of textiles. Effective at low drying temperature.**

### Characteristics

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- Prevents water, oil and other liquids from penetrating the textiles.
- Because it is relatively stable against mechanical and chemical influences the effect is permanent.
- Particularly suitable for first time finishing or refinishing of sportswear and rainwear, protective clothing in industries, rescue services and fire brigades and for stain protection on outer clothing.
- Becomes active at textile temperatures of 40 °C at the end of the drying period. Good beading effect and water pressure resistance and chemical protection (Type IV DIN 13034) starting at 60 °C.
- Breathability and water vapor transport of the textiles are not influenced by the finishing.
- Free of PFOA (Perfluorooctanoic acid) and PFOS (Perfluorooctane sulfonate).

### Chemical-physical data

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Density:	1.0 g/ml
pH-value:	5.5 – 6.0
Flash point:	>100 °C

### Application

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Clothing textiles are best finished using the dip-roll-method during the last rinse cycle in a wash-spin machine.

Large surface textiles, such as awnings, sails, tent squares or upholstery materials can be treated by spraying with HYDROB EASYDRY.

## **1. Dip-roll-method**

Fill machine to at least 70% loading capacity but do not overfill; as possible put together batches with similar textile structures. Do not treat cotton textiles together with synthetics or blended fabrics. Warm finishing bath in liquor ratio 1:3 – 1:4 to 30-40 °C and roll for 5-7 minutes.

After the finishing, spin for 2 minutes. Spin membrane textiles (fire brigade, anoraks, ski clothing) in multiple intervals (1 minute spin, 1 minute roll, 1 minute spin).

Dry at full heating capacity. The temperature required for the effect to take place is reached when a minimum of 60 °C can be measured for 5 minutes on the drum thermometer. If 80 °C is required then it must be measured for at least 7 minutes.

## **2. Spray method**

On spread out, cleaned, large surface textiles spray approx. 100 ml/m<sup>2</sup> of a 50% solution of HYDROB EASYDRY and let dry. Inhalation of the aerosol must be avoided when applying the spray method. Thereafter warm to 30-40 °C with warm air. Another increase in effectivity will follow after a certain time frame has elapsed. It is recommended to determine the required amount for each article by testing beforehand.

### **Dosages and drying temperatures**

Type of goods	ml/l (ml/kg)	°C (Minimum temperature)
Outer clothing	5-10 (20-40)	40-60
Sport and rain clothing		
Warning clothing*	15-25 (60-100)	60-80
Fire brigade clothing*		
Chemical protection*		

## **Use and Storage**

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

HYDROB EASYDRY should be stored between +5 and 30 °C.

After longer frost periods warm to 20 °C and stir before use.

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

Tightly seal container after each removal.

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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.