

## Unidyne XF-5007

is an excellent non-fluorinated repellent for advanced water repellency on textiles.

### Product Features

- Fluorine-free
- 30% solid
- Imparts excellent water repellency to all types of fabric substrates
- Imparts durability to washing and dry cleaning in combination with booster
- Suitable for exhaust application
- Performed at low temperature drying and curing
- Excellent Bundesmann performance
- Excellent process ability

### Physical Properties\*

|                         |                                  |
|-------------------------|----------------------------------|
| <i>Appearance</i>       | Off white / pale yellow emulsion |
| <i>Charge</i>           | Cationic                         |
| <i>pH</i>               | 2,1 - 5,0                        |
| <i>Specific gravity</i> | 1,0 g/cm <sup>3</sup>            |
| <i>Solids content</i>   | 30 mass%                         |

\*The above physical properties are representative and not guaranteed.

### Storage / Shelf-life

- XF-5007 should be stored according to the Material Safety Data Sheet
- Avoid freezing
- When stored using the recommended conditions, shelf-life is 18 months after production date

### Safety

Before using this product, please read the current Material Safety Data Sheet and the precautionary statement on the product package. Follow all applicable directions.

## Application Guide

- Padding process
- pH of the finishing liquor 3-7
- pick-up 30-90%

### Standard / DWR recipe

|                          |  |
|--------------------------|--|
| <i>Substrate</i>         | Cotton and its blends  |
| <i>Concentration</i>     | 10 - 100 g/l XF-5007<br>for DWR, add Cross-linker              |
| <i>Curing conditions</i> | 120 - 160 °C, 60 - 120 sec.,<br>depending on the material*     |
| <i>Substrate</i>         | Synthetics and their blends                                    |
| <i>Concentration</i>     | 10 - 100 g/l XF-5007<br>for DWR, add Cross-linker if necessary |
| <i>Curing conditions</i> | 120 - 160 °C, 60 - 120 sec.,<br>depending on the material*     |

### Bundesmann recipe

|                          |  |
|--------------------------|--|
| <i>Substrate</i>         | Synthetics   |
| <i>Concentration</i>     | 80 - 120 g/l XF-5007<br>20 - 40 g/l Cross-linker           |
| <i>Curing conditions</i> | 120 - 160 °C, 60 - 120 sec.,<br>depending on the material* |

\*The lower the curing temperature, the longer the curing time.

#### Daikin Chemical Europe GmbH

Am Wehrhahn 50  
40211 Düsseldorf  
Germany

Tel.: +49 211 179225-0  
Fax: +49 211 179225-39  
www.daikinchem.de