



**lamberti**  
chemical specialties



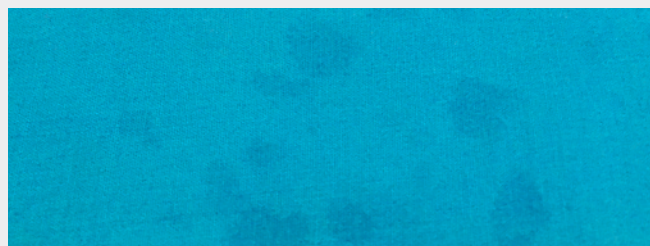
// IMBITEX NRW 3 //

### Characteristics

IMBITEX NRW 3 is a surfactant with excellent wetting and emulsifying properties, but with no re-wetting effects on treated fabrics. It is particularly suitable for use with water repellent, oil repellent and anti-crease finishes.

IMBITEX NRW 3 decomposes under the action of heat during thermo-fixation and exerts no further re-wetting action.

Appearance	Color	Solubility	pH (as it is)	Ionic character
Colored liquid	Yellowish clear	Easily soluble	6 - 8	Non ionic, slightly cationic



### Properties

- It eliminates or minimizes the tendency of oil repellent and some water repellent finishes to soil the padding impregnation cylinders, and soil deposits on the fabrics being processed
- It is a very effective wetting agent
- It has excellent emulsifying and stabilizing properties for the padding baths
- It does not exert a negative influence on water and oil repellent finishes
- It stabilizes the emulsion of water repellent products without impairing the degree of water repellency

### How to use

Indicative recipes:

		Wind proof jacket	Umbrella
Acetic acid 80%	(ml/l)	1	1
IMBITEX NRW 3	(g/l)	2	2
Waterproof agent (Fluorocarbonic or Fluorofree)	(g/l)	15 - 30	20 - 50
ROLFLEX® BK 9	(g/l)	5	5

Pick up: minimum 45%

Dry at 120 °C and polymerize at 160-170 °C

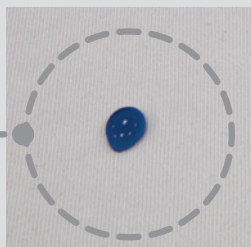


**Padding application on very hydrophobic PES knitwear**  
**DROP TEST**

**AFTER 5 SECONDS**



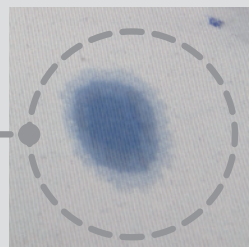
**Without IMBITEX NRW 3**



**With IMBITEX NRW 3**  
5 g/l dried at 160 °C



**With IMBITEX NRW 3**  
5 g/l dried at 140 °C



**With IMBITEX NRW 3**  
5 g/l dried at 100 °C

The wetting properties completely disappear, no negative impact on WOR treatments

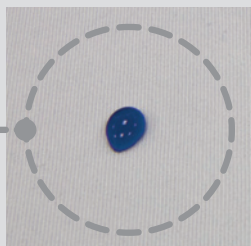
The product decreases its wetting properties

The product gives wetting properties

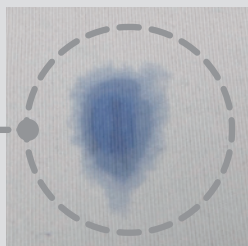
**AFTER 1 MINUTE**



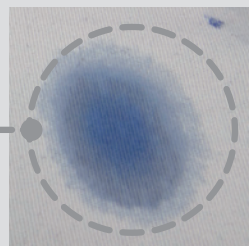
**Without IMBITEX NRW 3**



**With IMBITEX NRW 3**  
5 g/l dried at 160 °C



**With IMBITEX NRW 3**  
5 g/l dried at 140 °C



**With IMBITEX NRW 3**  
5 g/l dried at 100 °C

**Lamberti Group Headquarters**

Via Marsala, 38/d  
21013 Gallarate (VA) - Italy

Business Unit Soft Coating Compounds  
Textile Coating & Synthetic Leather  
Phone +39 0331 715 763  
Fax +39 0331 715 800  
textiles@lamberti.com