HYDROPROOF H 207 F

Water-based fluorinated polymer

CHARACTERISTICS

Appearance:	Clear colorless to straw yellow liquid
pH:	2.1 – 4
Active Content	Approximately 25%
Stability and storage:	12 months if stored in original packaging. The storage temperature is between 5 and 35°C

PROPERTY

HYDROPROOF H 207 F is a water-based fluorinated methacrylic polymer that provides a durable and transparent surface treatment to various substrates.

HYDROPROOF H 207 F is part of the new generation of products with a short "C6" chain, therefore free from PFOA and its precursors and can therefore be defined as PFOA free.

HYDROPROOF H 207 F is registered according to the BfR XXXVI (paper board for food contact) and BfR XXXVI/2 (paper and paper board for baking purpose) regulations. It is in the final stages of TSCA registrations and US FDA inventories.

HYDROPROOF H 207F provides excellent water and oil repellency to treated surfaces, as well as stain resistance against oil (olive and seed), coffee, ketchup and mustard, among others. Surfaces treated with **HYDROPROOF H 207 F** are easy to clean. The pores of the support remain open and the diffusion of water vapor is little affected.

Treatment with **HYDROPROOF H 207 F** therefore allows the following properties to be obtained:

- development of a long-lasting pearling effect
- stain resistance
- significant reduction in capillary water absorption, particularly after atmospheric agents
- helps minimize all harmful effects caused by water absorption
- PFOA content below the LOD detection limit (PFOA free, < 20 ppb)

APPLICATION AND DOSAGE

The support to be treated must be dry and absorbent. The diluted solution of **HYDROPROOF H 207 F** should generally be applied by brush to the support. Hydrophobic and oleophobic effects develop within 12-24 hours.
For use as a hydrophobic impregnator, **HYDROPROOF H 207 F** must be diluted with water.

We recommend a dilution of 5 to 10% of product in solvent, the exact dilution depends on the absorbency of the support. The application is done by brush, spray or waste.

Preliminary tests are recommended before treatment. These tests can also be used to verify the efficiency of the product.