

FTONE GMW-700N

is a water-based concrete protector with oil, water and stain repellency.

Product Features

- Aqueous fluorochemical material solution developed by Daikin proprietary technology
- Not based on C-8 fluoroalkyl compounds
- Protects various concrete surfaces against ordinary and aggressive soiling, e.g. oil stains, food, liquid spillage (red wine, ink, coffee etc.), deposits of industrial waste
- Is used in water-based penetrating sealers for concrete and other porous surfaces such as wood and brick

Physical Properties

Appearance	Off white or pale yellow emulsion
Analysis	30,0 mass% solids 7,2 mass% tripropylene glycol 62,8 mass% water
Specific gravity at 25°C	Approx. 1,1
pH value	1,5 - 3,0
Flash point	None
Solubility	Readily dissolves in cold water

Table 1: Typical properties are not suitable for specification purposes.

Storage / Shipping

- GMW-700N should be stored at a temperature between -5°C and 30°C
- Non-Red label (non-flammable material)

Safety and Toxicology

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

Follow all applicable directions.

Packaging

18kg and 200kg

Performance test results on concrete

1. Preparation

Dilute 1 part GMW-700N in approximately 9 parts water (water should be ion-exchanged).

Apply to the substrate by brush at approximately 200 g/m².

Allow to dry for approximately 12 hours at room temperature.

2. Evaluation

Olive oil, salad oil, motor oil, red wine and coffee were placed on the treated substrate.

After 24 hours, the substrates were washed with water without detergent and allowed to dry.

The remaining stains were rated:

- 5: no stain,
- 4: very light stain,
- 3: light stain,
- 2: moderate stain,
- 1: heavy stain (same as untreated).

3. Results

	Coffee	Red wine	Olive oil	Salad oil	Motor oil
GMW-700N	4	4	5	5	4
Untreated	1	1	1	1	1

Table 2: Test results. Staining of GMW-700N-treated concrete vs. untreated concrete

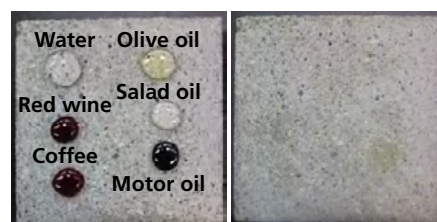


Figure 1: GMW-700N-treated concrete, initial and after washing

Daikin Chemical Europe GmbH

Am Wehrhahn 50
40211 Düsseldorf
Germany

Tel.: +49 211 179225-0
Fax: +49 211 179225-39

www.daikinchem.de

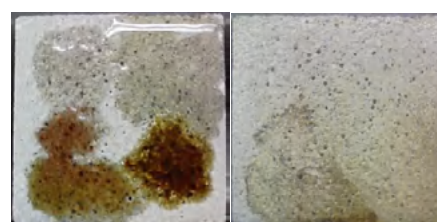


Figure 2: Untreated concrete, initial and after washing