



Industry Line

ROAD TEX FC 6

Technical Sheet n° 750
Rev. 02/01/2019

Category:

- Water and oil repellent anti-stain finishing

Applications:

- textile waterproof

Strengths:

- Chemistry C6
- Universal

Product for professional and industrial use. The manufacturer declines all responsibility for any damage caused by the improper use of the product.

Water-oil repellent finish for fabrics of all types based on C6 fluorocarbon resins

Applications

Stain-resistant, water-oil repellent textile finishing, produced using only C6 fluorinated chains which provides the fabrics with a durable and transparent, water-beading treatment, even after washing and drying.

Road Tex FC 6 is a non-flammable aqueous emulsion with a high fluorine content. Does not contain detectable amounts of PFOA (perfluorooctanoic acid) and APEOs (Alkyphenoethoxylates).

How to use

The pH of the finishing solution must be 4-5 (adjust if necessary with 0.5-1 ml/l of 60% acetic acid). The treated fabrics must not be contaminated by residues of auxiliaries such as finishing oils, surfactants, dye assistants, silicone oils or softeners. The product can be applied in the following ways:

Exhaustion method

Road-Text FC 6 4-6%.

Acetic acid 0-1 g/l (pH 4-5)

Stir for 30 minutes at 30°C and drain without rinsing.

Dry and crosslink at 150°C for 3 minutes or 30-40 sec. at 170-180°C

Scarf process

Road Tex FC 6 40-60 g/l

Dilute with water previously acidulated with acetic acid to pH 4 - 5.

Squeezing effect 100%

Dry and crosslink at 150°C for 3 minutes or 30-40 sec. at 170-180°C

Technical specifications

Aspect	White dispersion
pH	3-5
Ionic character	Cationic
Flash point	>100°C
Density (20°C)	1,070 g/cm ³