

TECHNICAL DATA SHEET

FOSFIRTEC

APPLICATION:

FOSFIRTEC is an additive that added to bitumen is increasing its performances in terms of penetration and softening point. When added to bitumen this additive is decreasing penetration and increasing softening point. Bitumen treated with this product is responding to high thermal and mechanical stresses.

DOSAGE:

The quantities to be used vary from 0,10 to 3,00% on the weight of bitumen according to the performances to reach, to the quality of bitumen and the method employed for modification.

FOSFIRTEC is added to the bitumen tanks and a simple recirculation is enough to achieve a good dispersion. Better performances are achieved with stirrer agitation or with long period recirculation.

CHEMICAL FAMILY:

FOSFIRTEC is a polyphosphoric acid.

PHYSICAL AND CHEMICAL PROPERTIES:

Appearance at 25°C	Viscous liquid
Color (Hazen)	Max 50
Density (at 25 °C in kg/l)	1,93
Viscosity (at 25 °C in cP)	840

STORAGE:

Stable at room temperatures if stored in closed containers and at shadow.

PACKAGE:

FOSFIRTEC is delivered in IBC of 1900 Kg.

SAFETY:

Poly phosphoric acid should be handled with care. In order to avoid injuries, protective gloves and safety goggles should be used. For further information, see our Safety Data Sheet.

The information contained herein is indicative only and without express guarantee. As no control can be exercised over its use, we cannot be held responsible for any damage which may result from its misuse.