

## TECHNICAL DATA SHEET


**PRODUCT:**

### DOPIRTEC-AL

**APPLICATION:**

**DOPIRTEC-AL** is an adhesion promoter specially designed for bitumen emulsions exempt from solvents used for the purpose to guarantee a perfectly stable tie between bitumen and aggregates independently from their chemical nature (acid or basic). It is also guaranteeing a better emulsification of the bitumen during production.

**DOPIRTEC- AL** is avoiding stripping and raveling phenomena and improves emulsification of bitumen.

**DOPIRTEC- AL** is stable at high storage temperature of bitumen (180°C) and even to extended heating time without changing its chemical characteristics.

**DOSAGE:**

The quantities to be used vary from 0,60 – 1,00% on the weight of bitumen according to the type of aggregates used and to the quality of bitumen.

**DOPIRTEC- AL** is added to the bitumen before mixing the aggregates. It can be poured into the tank directly or through a dosing pump into the weighing machine of the production plant.

**CHEMICAL FAMILY:**

**DOPIRTEC- AL** is a compound based on fatty acid and resin acid.

**PHYSICAL AND CHEMICAL PROPERTIES:**

Appearance at 20°C	Amber Liquid
Specific gravity at 25°C, g/cm <sup>3</sup>	0.95 ± 0.05
Solubility in water at 25°C	no
Flash point °C	>150
Saponification value, mg OHK/g	190 ± 20
Acid value, mg/OHK/g	185 ± 20
Viscosity at 20°C, poises	< 5

**STORAGE:**

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

**PACKAGE:**

**DOPIRTEC- AL** is delivered on 950 kg IBC.

**SAFETY:**

Amine products 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*

international road technology consulting s.l.

C/Orquidea 12 – 28981 Parla (Madrid) – SPAIN  
info@irtecon.com

Ph. +34 914132159 fax +34 915151503  
www.irtecon.com