

## EVO ADDITIVES

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## PRODUCT: BRUNUS KD-7

## DATA SHEET

**Brunus KD-7** is an organic, oily additive for the manufacture of conventional bituminous mixtures in semi-hot and ambient temperature applications, used in pothole patching and road maintenance operations.

### CHARACTERISTICS

- Healthy, plastic and workable cold mixes for long periods of time.
- Its setting delay allows us to work more efficiently in adverse conditions.
- It does not emit unpleasant odours and does not contain paraffin and/or tars.

### APPLICATION

- Plasticiser and bitumen flux.
- It is recommended to use clean and dry aggregates; granulometry type AC-11.
- Mixtures produced with asphalts of penetration 50/70 - 35/50.
- It is incorporated directly into the plant mixer at room temperature, or in the bitumen tank at 140° maximum.

### PHYSICAL-CHEMICAL PROPERTIES

Properties	Description
Appearance (20°C)	Dark Brown liquid
Odour	Characteristic
Ph( 5%, 20°C)	3.5 - 6
Viscosity (cPs, 20 °)	<200
Densidad ( g/ml, 20° C)	0.95
Flammability point (°C)	>150
Boiling point (°C)	>350

### MANUFACTURING WITH ADDITIVE

- Heat the aggregates to 100-110°C and add the binder to the mixer.
- Add Brunus KD-7 multifunctional additive at room temperature.
- Mix for 40-50 seconds.

### DOSIFICACIÓN

The recommended usage rate is adjustable between 16 and 24% by weight of bitumen, depending on the desired degree of asphalt and plasticity.

### ALMACENAMIENTO

- In original packaging at 10°C - 25°C
- 2 years shelf life
- Chemically stable handling