

CECABASE®RT BIO10

TECHNICAL DATA SHEET

- **CECABASE®RT BIO 10** is an asphalt additive used to reduce the production and application temperature of hot mixes by 30 to 50°C without modifying the mechanical properties.

SPECIFICATIONS

	Unit	Values	Method
Aspect at 25°C	-	Liquid	CECA 213

INDICATIVE VALUES

Flash point	°C	200	CECA 197
Solidification point	°C	0	CECA 055

USAGE RECOMMENDATIONS

CECABASE®RT BIO 10 can be injected at a dosage rate from 2 to 5 kg per ton of bitumen in the storage tank, or directly in the binder injection line at the hot mix plant. Such an addition doesn't change the rheological properties and the grade of the binder.

CLP/GHS regulation : At standard dosage as specified above, the product has no impact on the transportation and environmental classification of the binder.

STORAGE

CECABASE®RT BIO 10 needs to be stored in its original closed packaging at ambient temperature.

Gel formation might occur if the product is stored for a long time at temperature below 10°C. Though it doesn't alter its performance, it is recommended to heat and homogenize the product before use.

PACKAGING

- **Drums** 200 kg
- **IBC** 1000 kg
- **Bulk** 10 to 20 tons

ADVANTAGES AND BENEFITS

- **Biodegradable**

CECABASE®RT BIO 10 is easily biodegradable and shows more than 60% degradation rate in standard test conditions after 28 days.

- **Excellent thermal stability**

The mixture of **CECABASE®RT BIO 10** and bitumen can be stored for one week at 180°C without loss of performance.

- **Wide asphalt compatibility**

CECABASE®RT BIO 10 is fully compatible with any kind of asphalt modification including Poly Phosphoric Acid (PPA)

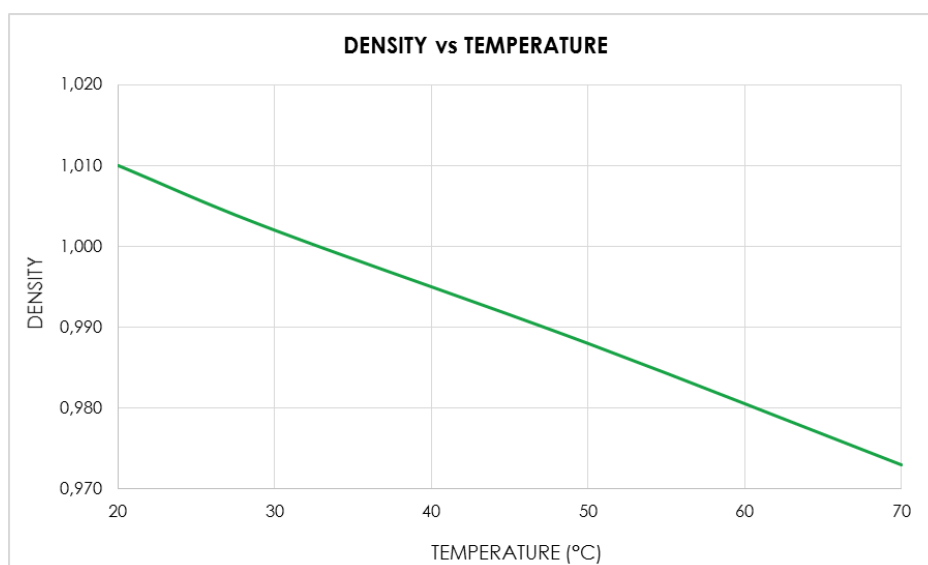
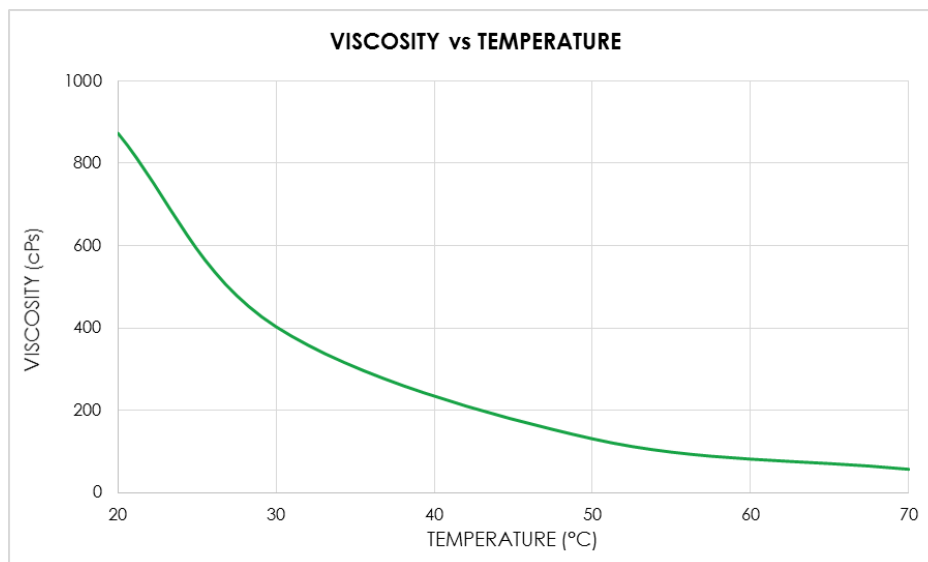
- **Increased mix workability**

As a workability additive, **CECABASE®RT BIO 10** can be used to increase hauling time and distance of a hot mix or to make paving jobs easier in cold weather conditions (extension of paving season).

- **Increased recycling rate**

When the rate of recycled aggregates (RAP) is increased, **CECABASE®RT BIO 10** can help to maintain the workability of the mix without need for virgin aggregates superheating.

PHYSICAL PROPERTIES



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