



It is a **POLYMER MODIFIED BITUMEN (BmP)** very highly concentrated in elastomer of the **STYRENE-BUTADIENE-STYRENE (SBS)** type.

It is used to **IMPROVE PERFORMANCE OF HOT ASPHALT MIXES** for all types of bitumen.

**RW Elast<sup>®</sup>** is obtained from a unique innovative and high-tech industrial process allowing this **MODIFIED BINDER TO BE GRANULATED**.

Its **SHAPE** and **SOLID STATE** at room temperature makes it very **EASY TO TRANSPORT, STORE and DOSE**.

## CHARACTERISTICS /

Bulk density	~0.6 g/cm <sup>3</sup>
Pellet size	2 to 5 mm

**USUAL ANALYSIS MÉTHODS** (decoating, binder content, granulometric curve, densities) and also dosing method implemented by our laboratory are used to control the manufacturing and laying process of the asphalt mixes with **RW Elast<sup>®</sup>**.

## DIRECTIONS FOR USE RELATED TO MANUFACTURING CYCLE /

**DIRECT INTRODUCTION** of **RW Elast<sup>®</sup>** into the pugmill of batch and continuous hot mix asphalt plants.

**INTRODUCTION** in the **DRY PART OF THE MIXING PROCESS** and **BEFORE ADDED BITUMEN**.

The energy induced by crushing aggregates

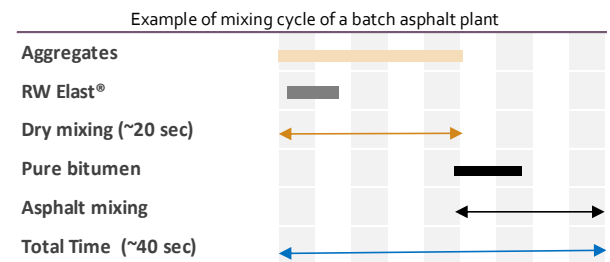
+ temperature (T°C) contribute to a homogeneous and quick dispersion of the additives in the granular mix.

**RW Elast<sup>®</sup>** is usually fed into the same entry point as fillers or asphalt aggregates.

**MANUFACTURE TEMPERATURE** of **ASPHALT MIXES**: from 165°C to 185°C in accordance with asphalt rate of change.

**MIXING TIME**: no change in the total mixing time.

**DOSAGE**: according to performance requirements. Very slight or large modification may be possible. A specific study in our laboratory may be carried out to determine the optimal dosage.



## FIELDS OF APPLICATION /

**ASPHALT MIXES CONCERNED** : binder courses or surface courses.

**AREAS**: highways, express ways, conventional roads, airports, airfields, industrial shunting areas, roundabouts, bridges, parking areas.

## PACKAGING AND STORAGE /

**PACKAGING**: hermetic packages, packed into big bag or thermo-fusible pre-dosed bag.

**STORAGE**: packed into a sealed package, in a ventilated place out of the sun, the heat and moisture, between 5 and 50°C, **RW Elast<sup>®</sup>** can be stored for up to 24 months.