

URBAN GYRATORY

TONNAGE
<300

CONTEXT & OBJECTIVES

CCTP objectives :

- 100% densities between 4 and 8
- PMT > 0.4 mm
- Application temperature: 145 - 175 °C
- Compliance with circular n°36

Site conditions :

- Night work
- Ground temperature: 15 °C
- Wind speed : 7 km/h
- Near metro → smooth compaction 6 passes
- >560 heavy goods vehicles per day
- An articulated bus every 10 minutes

SOLUTIONS DEPLOYED

- **Product type** : BBME 0/10 GYRATORY F181
- **Additive** : RARx
- **Layer thickness** : 6 cm
- **Total binder** : 5.82% ppc
- **Average bitumen content** : 5.36
- **Average production temperature** : 148°C
- **Test method** : Infratest
- **Compaction** :
 - HAMM DV70i
 - BOMAG BW 151 AD5
 - CATERPILLAR CB4.4
 - Vibrating plate

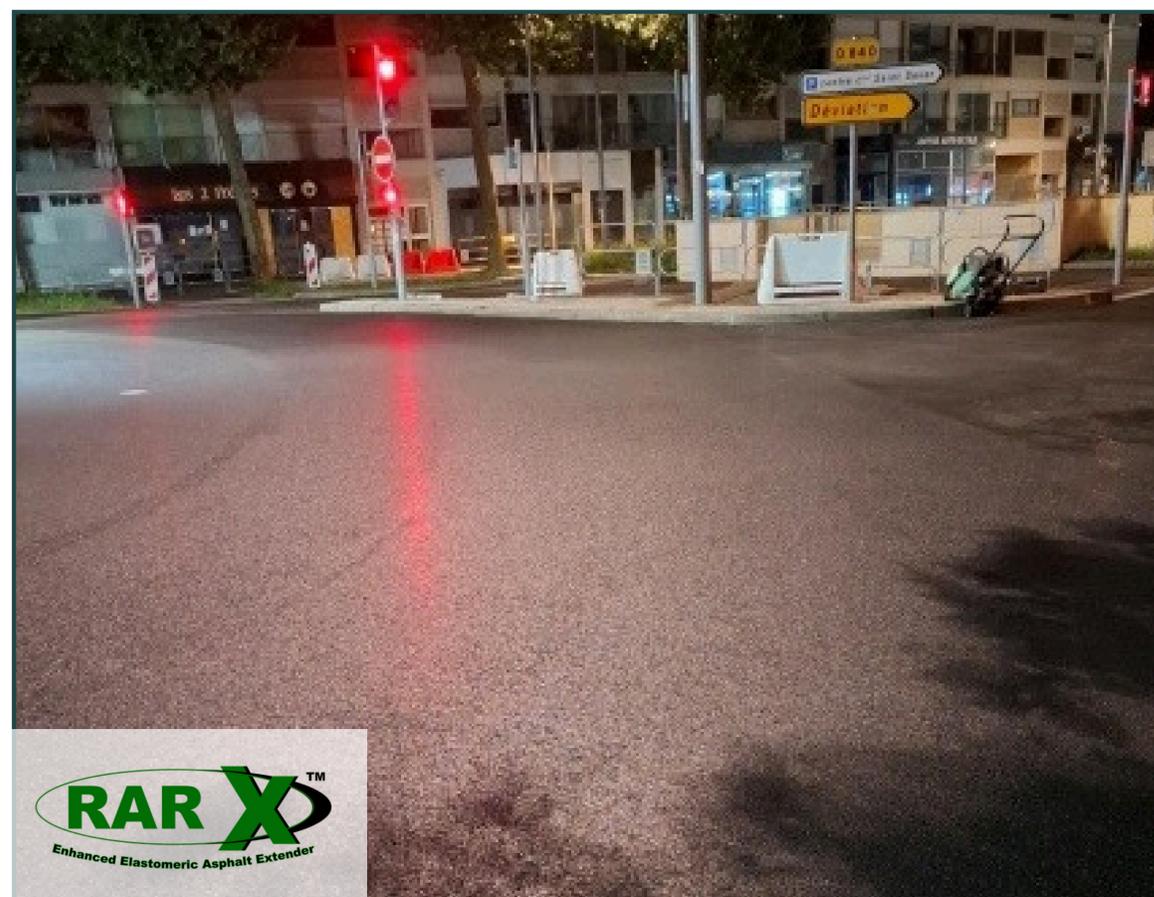
SITE IDENTITY

- **Site name** : T5 Rouen – Giratoire Joffre
- **Infrastructure** : Urban gyratory – Cours Clemenceau
- **Location** : Rouen (76)
- **Site date** : Night from August 29 to 30, 2024
- **Client** : TPR
- **Production plant** : EURE ENROBES



MEASURED RESULTS

| | |
|---------------------------|------------|
| Average voids | 7.1% |
| PMT Average | 0.72 mm |
| Average density | 2247 kg/m3 |
| Compacité moyenne | 92.9% |
| Bitumen content | 5.35% |
| Granulometry | Compliant |
| NF EN 13108-21 extraction | Compliant |



TESTIMONIAL CUSTOMER

Name : Bertrand DUBUS

Function : Laboratory Manager

Notice : Rarx manufacturing does not require a special feeder. The RARx is loaded into the filler feeder. Only a vibration is necessary to ensure regular dosing. The special rotating mix is implemented like a classic hot mix.

QUALITY VALIDATION

- **Compliant** : CCTP T5 Rouen
- **Compliant** : NF P 98 150
- **Visa technician** : S. Lucel
- **Validation** : B. Dubus