



# ARA

## Anti-Rutting Additive

ARA is manufactured by the Japanese corporation TAC, sold by TAKIGAMI Steel Construction Co. LTD., and EXCLUSIVELY DISTRIBUTED in the Philippines by Diamond CMX.

### Key Features:

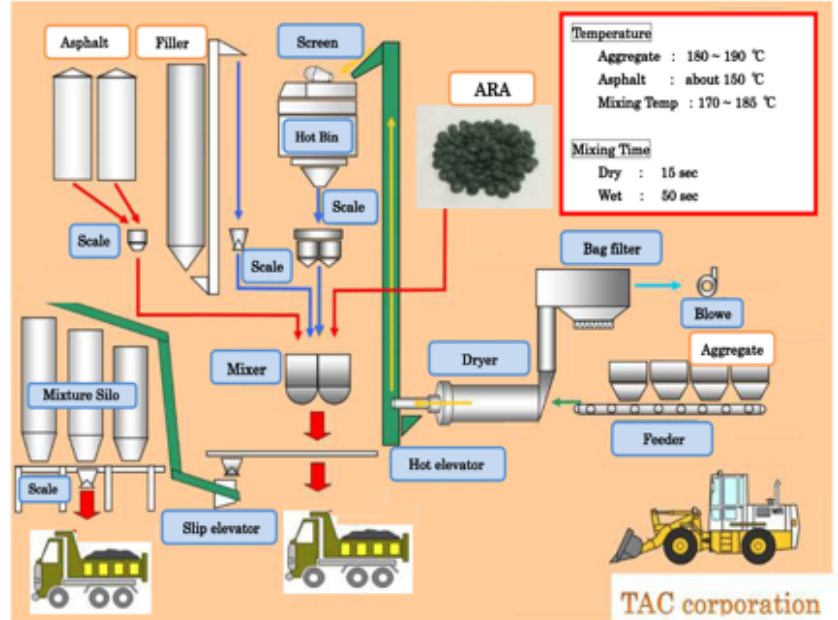
- can be stored for a long period of time under normal room temperature
- can be used in port roads, bridges, and airports
- can produce the amount of asphalt mixture necessary to the rutting portion
- can be poured directly into the mixer
- can adjust the rate of its standard content ratio of asphalt mixture

### ADDITIVE OF ASPHALT MIXTURE

- DEVELOPED TO PREVENT RUTTING
- CONSISTS OF SEVERAL POLYMERIC MATERIALS & MULTIFUNCTIONAL AUXILIARY AGENTS
- DRAMATICALLY IMPROVES THE BONDING STRENGTH BETWEEN THE AGGREGATE
- DEMONSTRATES **EXCELLENT FLOW RESISTANCE AT A HIGH-TEMPERATURE RANGE**



## MANUFACTURING PROCESS (ARA)

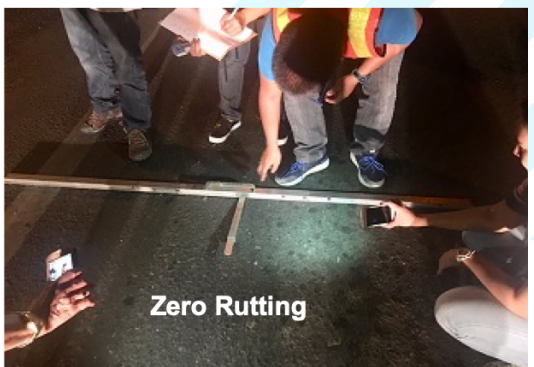
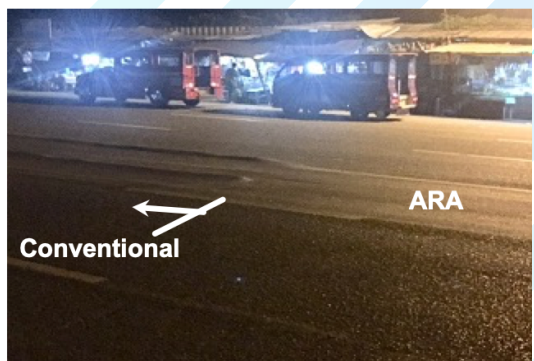


✓ Mixed Temperature shall be **175°C±5°C**

✓ Mixer injection order of material is supplied in a mixer in following order.

✓ **Heating Aggregate** →  
**Filler** → **ARA** →  
**Asphalt**

✓ Mixed time carries out Dry mixing during **15 seconds**. And Mixing for **50 seconds** after ARA and Asphalt Injection.



<-- Pavements WITH and WITHOUT ARA along Daang Maharlika Road in Davao, Philippines.

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