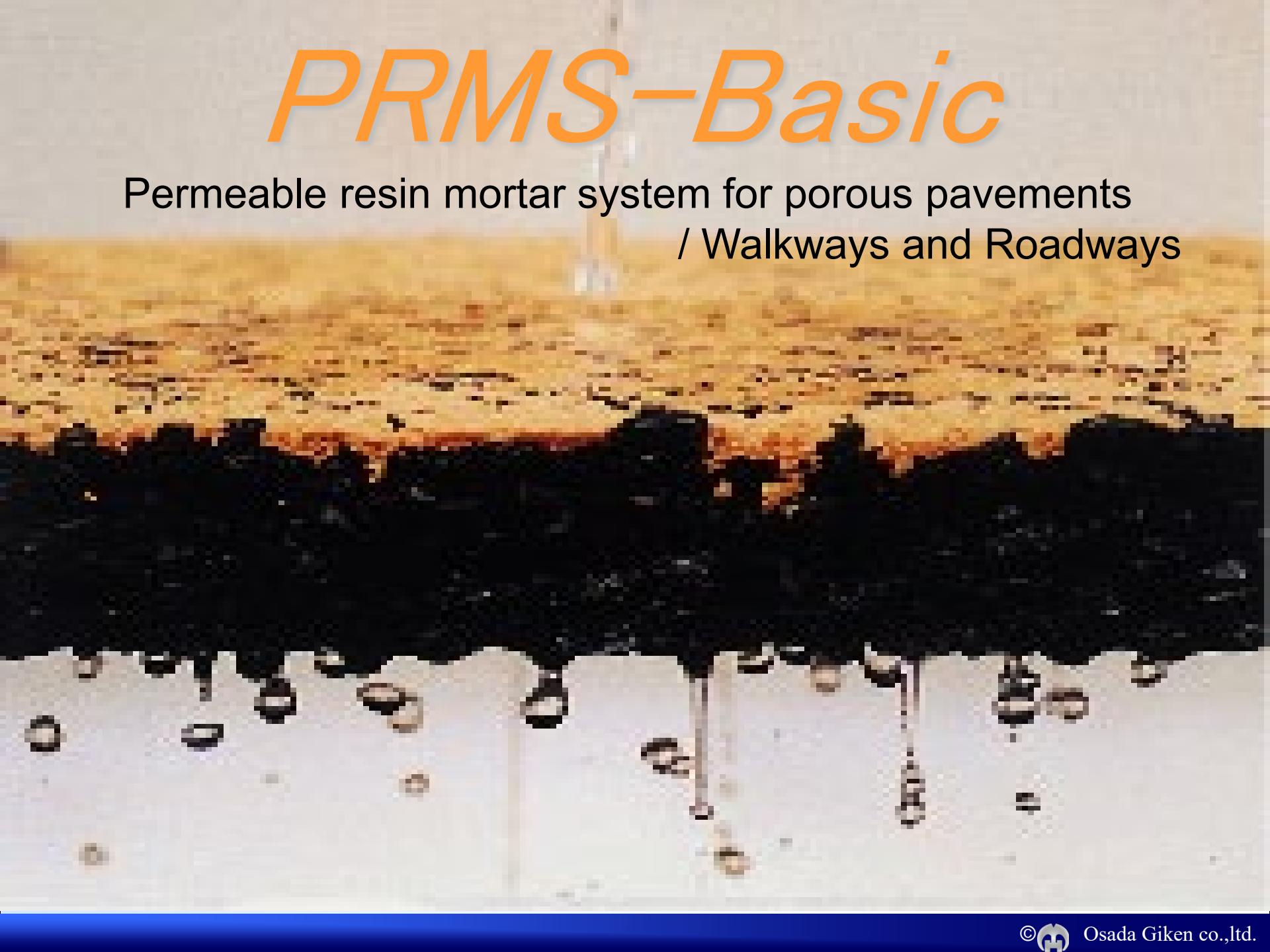


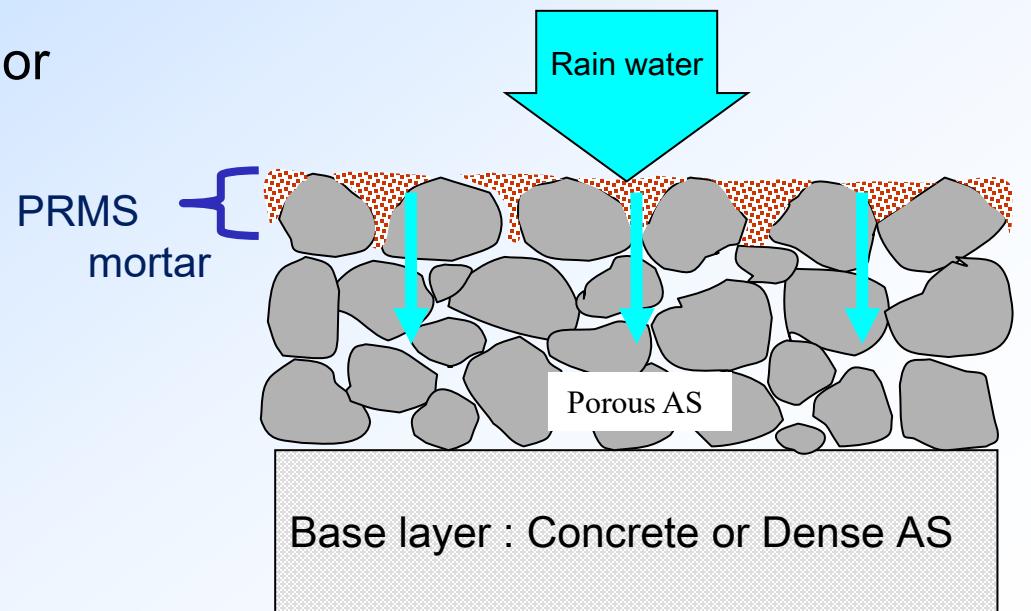
PRMS-Basic

Permeable resin mortar system for porous pavements
/ Walkways and Roadways



Structure of PRMS-Basic

PRMS means Permeable Resin Mortar System, and has been used for porous asphalt pavements of more than 1,000,000m² in Japan. This permeable resin mortar consists of epoxy resin and special ceramic aggregate. The PRMS can be used as a durable, colored, and skid resistant cover for porous asphalt or on dense asphalt pavements.



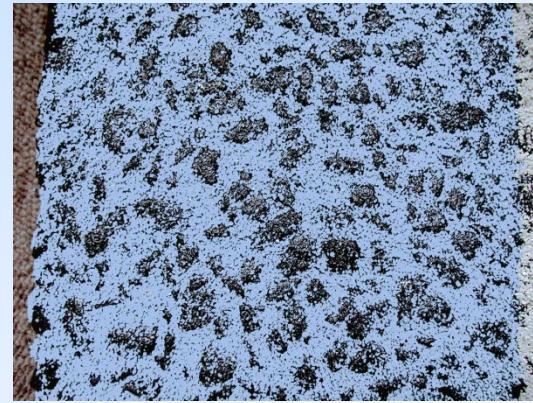
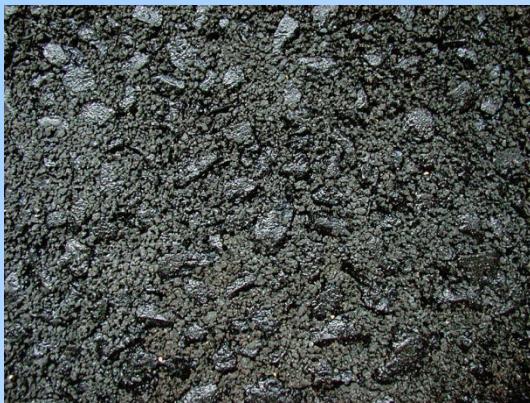
Feature of PRMS

Durability: Prevents aggregate abrasion from surface of porous pavement.

Reduction of vehicle sliding: The aggregate on the surface gives friction to the pavement and a number of fatal accidents can be reduced, especially on curves and steep slopes.

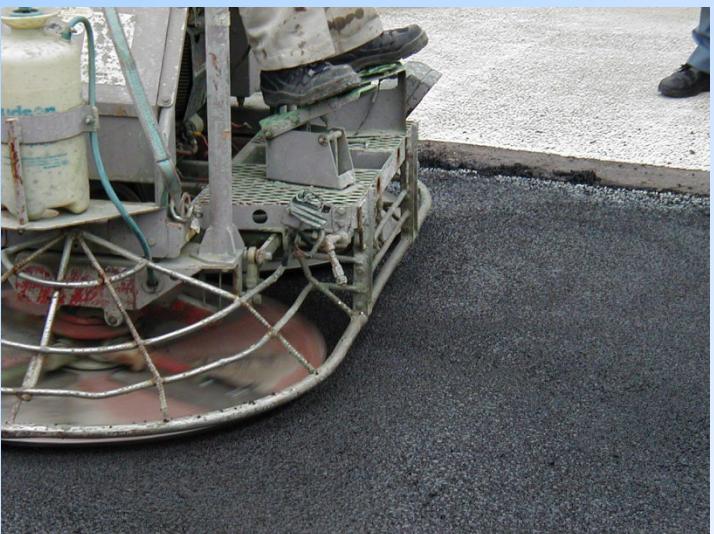
Color variation: Customers can use 6 types of color PRMS according to their specific situation and environment.

Standard color of PRMS-Basic





Filling mortar into porous surfaces



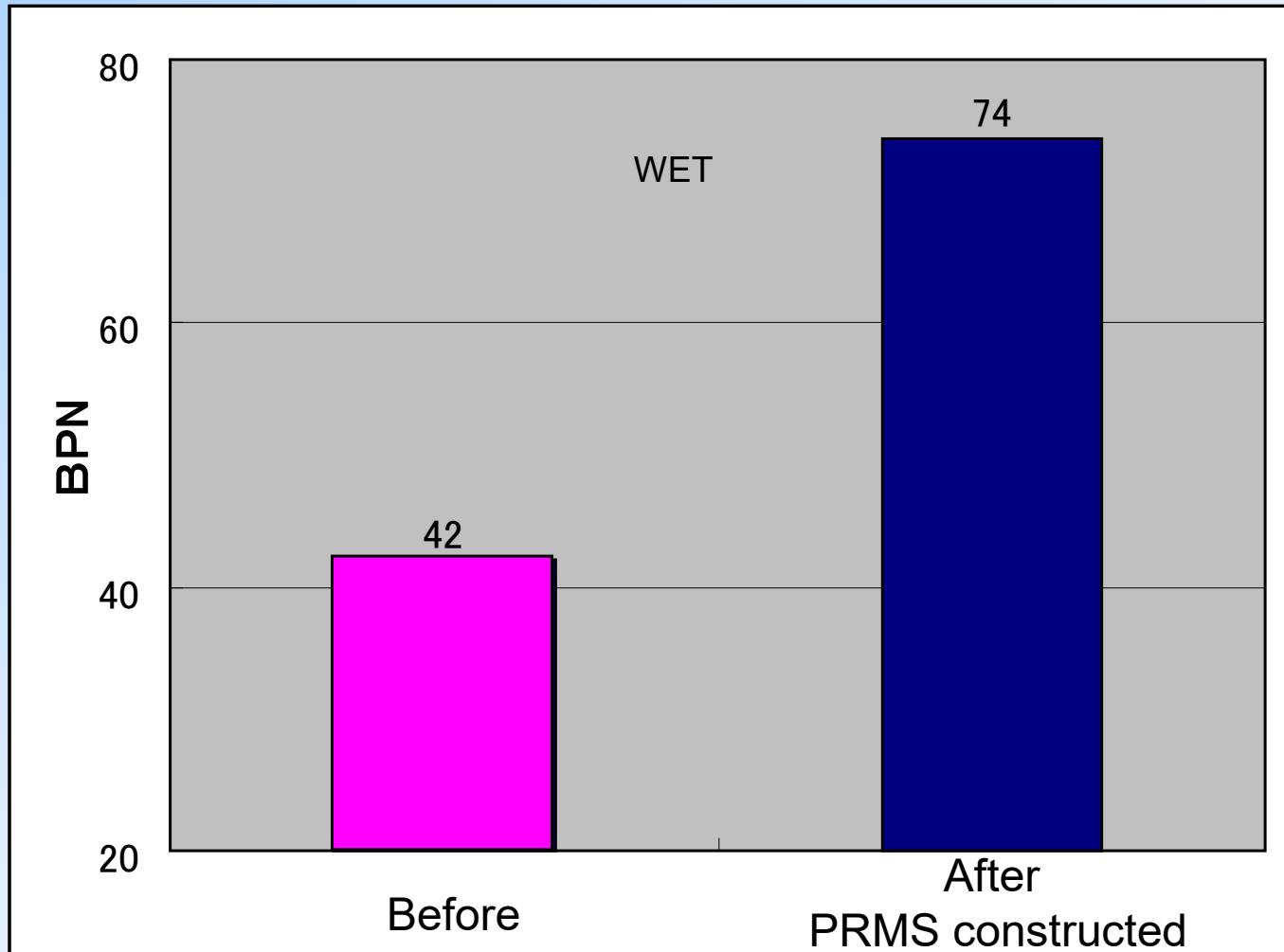
Packing mortar into porous surfaces
using a roller compacter

Filling mortar into porous surfaces

Improving anti-slipped function for a pavement

BPN(British Pendulum Number) Test Result

Standard Test Method for
Measuring Surface
Frictional Properties Using
the British Pendulum Tester



EXAMPLE 1



EXAMPLE 2



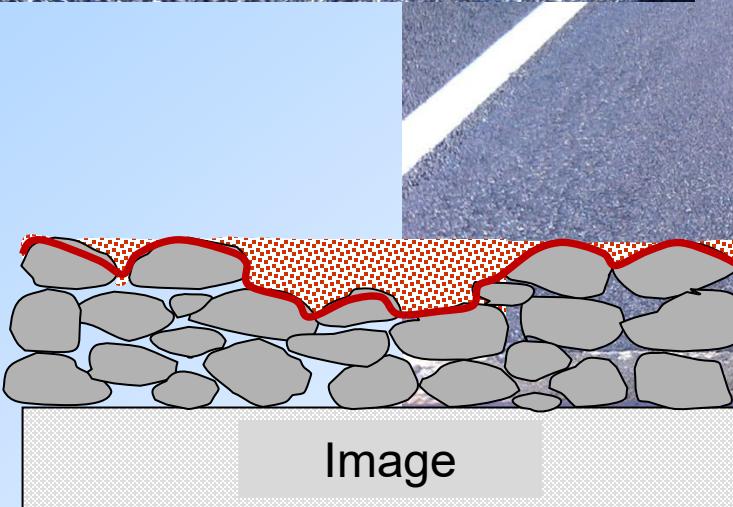
EXAMPLE 3



Repairing for the surface of Porous Asphalt by PRMS (Before)



Repairing for the surface of Porous Asphalt by PRMS (After)



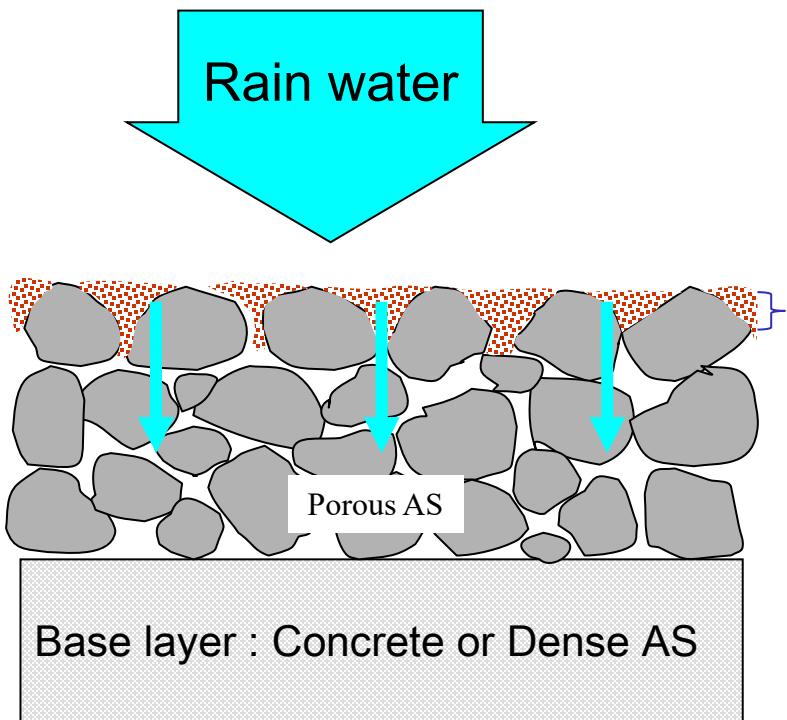


PRMS - Grip

For safety road

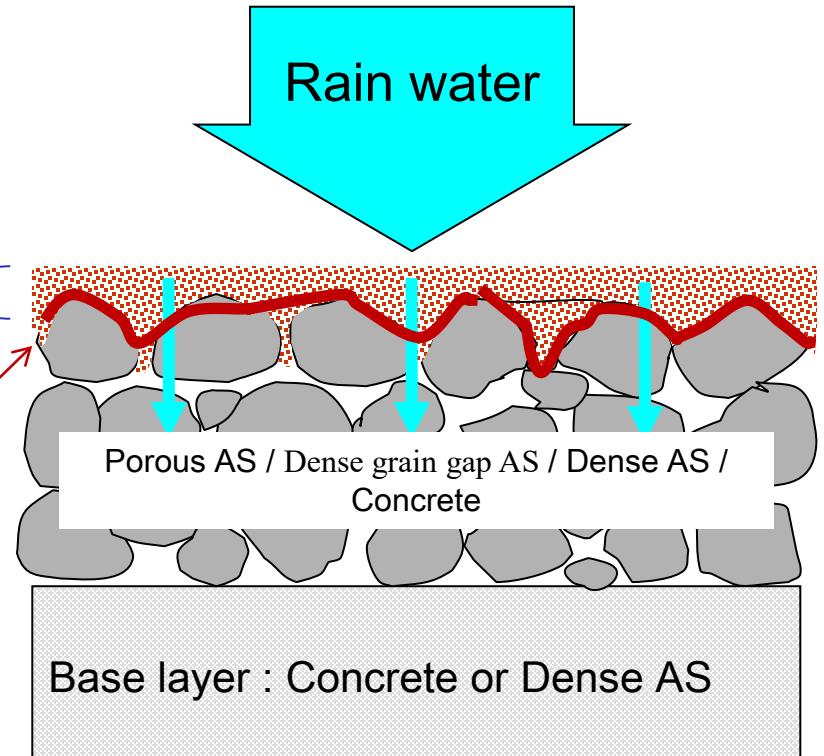
Difference : Basic & Grip

PRMS-Basic

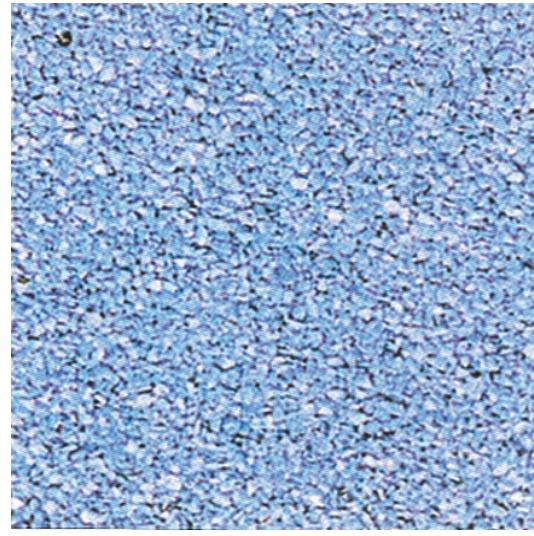
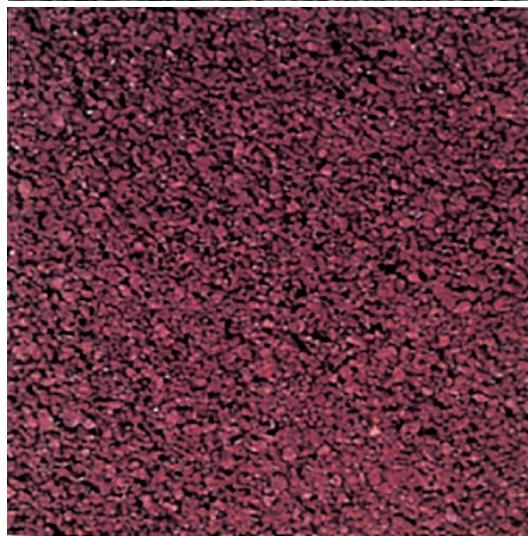
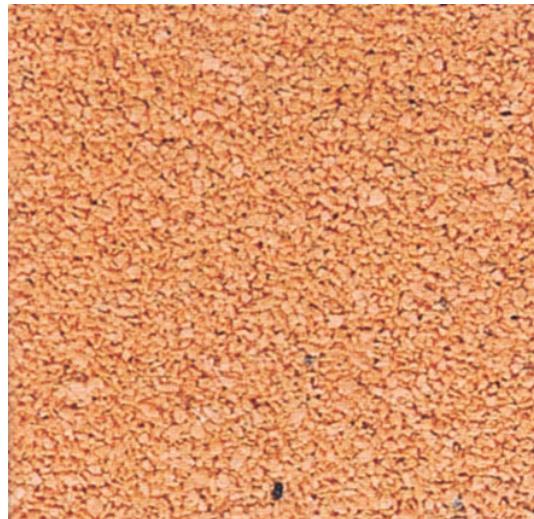
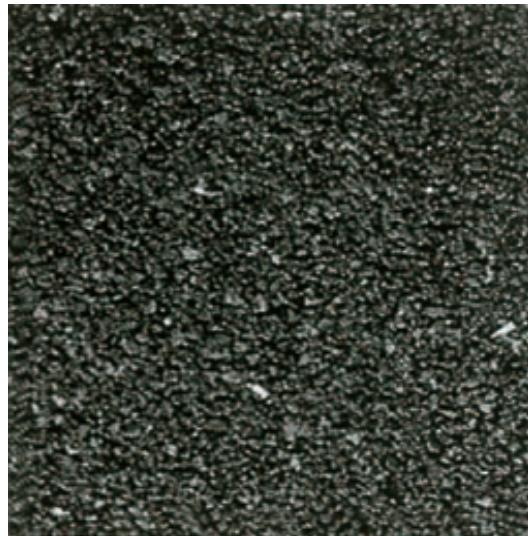


PRMS-Grip

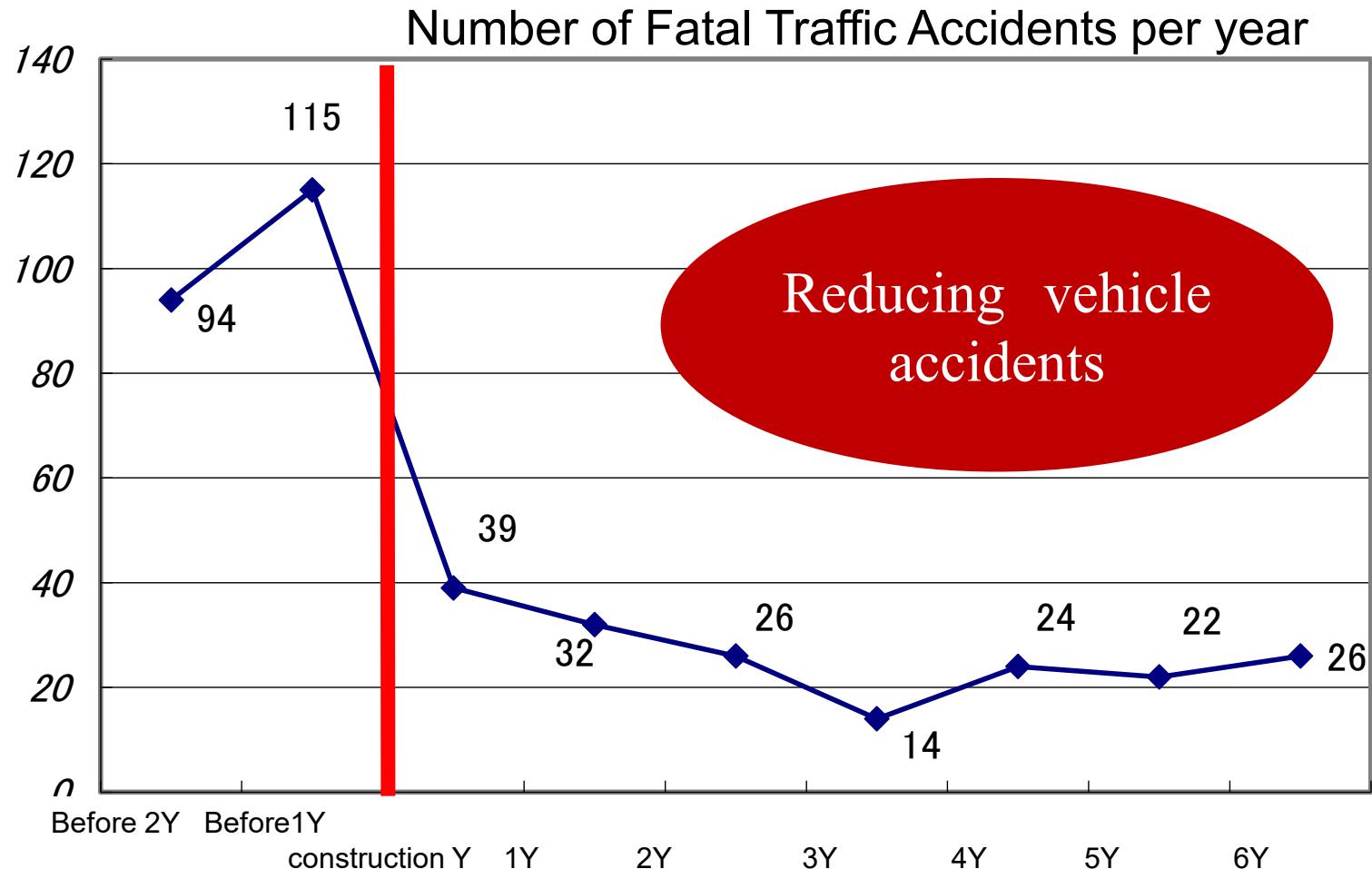
2 point differences
①Necessary of primer ②PRMS mortar thickness



Standard color of PRMS-Grip



Effect of PRMS-Grip



At Hansin highway road

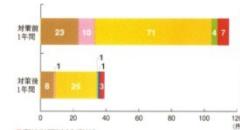
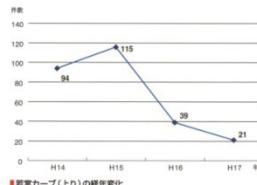
The example of reducing slipping vehicle accident by PRMS-Grip

The number of vehicle accident per a day

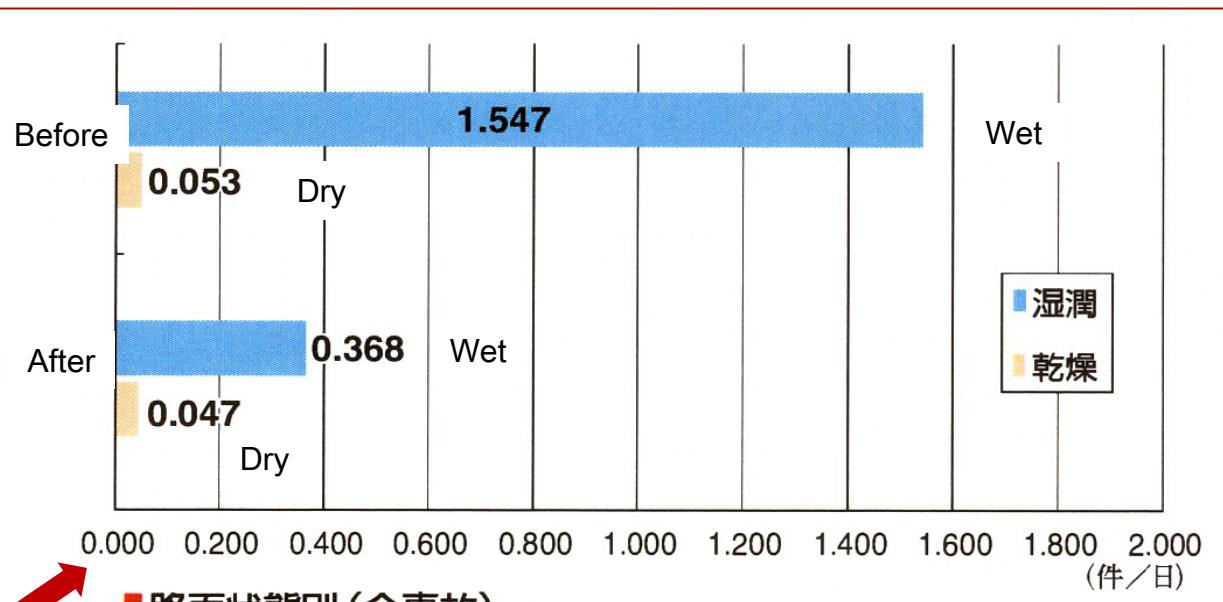
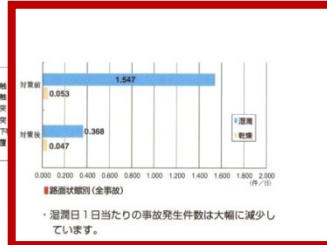
(1)これまでの取り組み例

若宮カーブ

3号神戸線の若宮カーブでは平成15年度には年間事故件数が100件を超えていましたが、平成15年度末に排水性舗装に滑り止め工法を実施したところ、事故件数が約8割減少しました。また他のカーブ区間でも同様の対策を実施したことから、事故が大幅に減少しています。



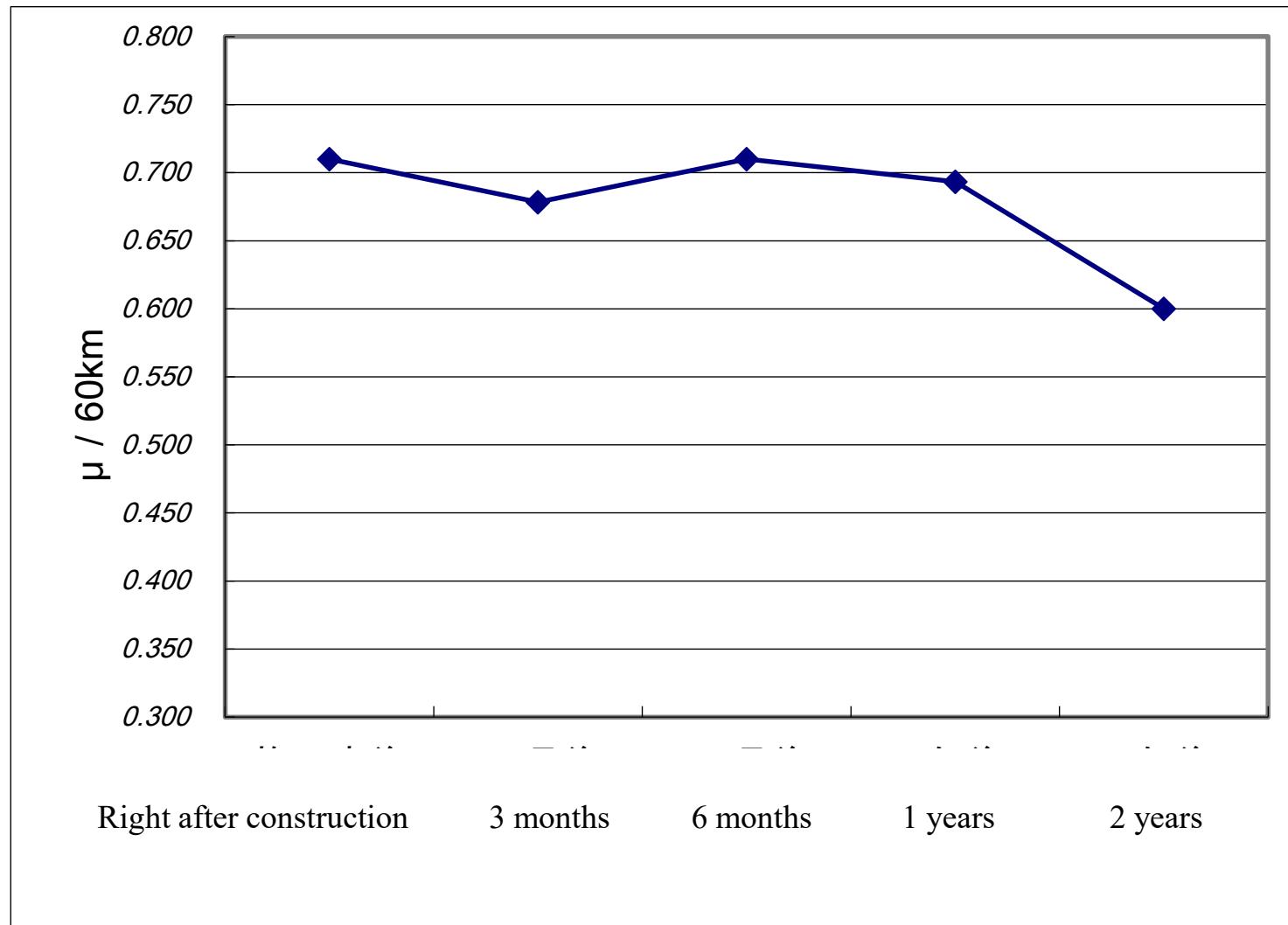
・施設接触事故が激減しています。追突、車両接触事故も減少しています。



- ・濡潤日 1日当たりの事故発生件数は大幅に減少しています。

By : Hanshin highway road / 阪神高速道路
From : Their action program article

Transition of dynamic friction coefficient



Safety Measures for Accident-Prone Areas during Wet Road Conditions.
From 29th Japanese Road Conference paper

EXAMPLE1: PRMS-Grip at Nagoya high way road



EXAMPLE2: PRMS-Grip at Capital high way road



EXAMPLE3: PRMS-Grip at Hanshin high way road

