

Porous Surface Mastic Asphalt Course POSMAC

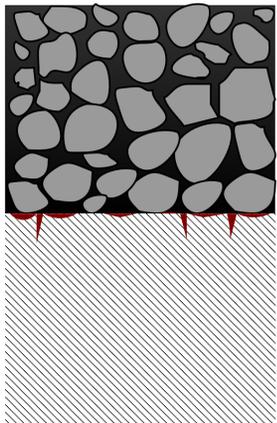
طرق الأسفلت ذي السطح المطاطي الامتصاصي

Overview

Porous Surface Mastic Asphalt Course (POSMAC) is a porous asphalt mixture with good water impermeability function at the bottom of mixture. Porous asphalt mix is paved using Self Priming Asphalt Finisher with high concentrated modified asphalt emulsion. Thus, it constructs highly durable porous asphalt pavement with good water impermeability at the bottom.



General pavement



Exacting

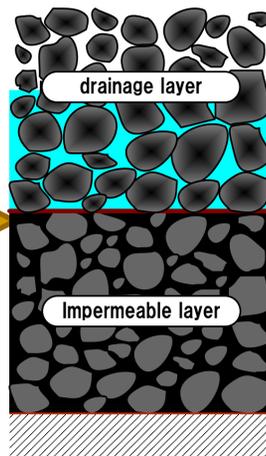
wheel load

temperature

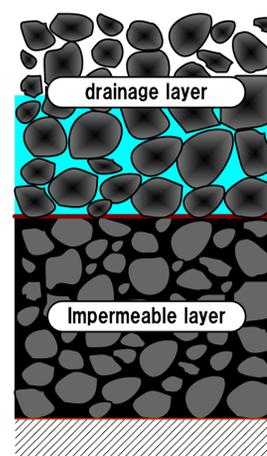
ponding

spot
adhesion

Porous asphalt

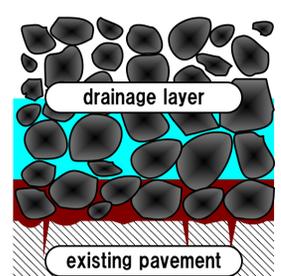


Porous asphalt



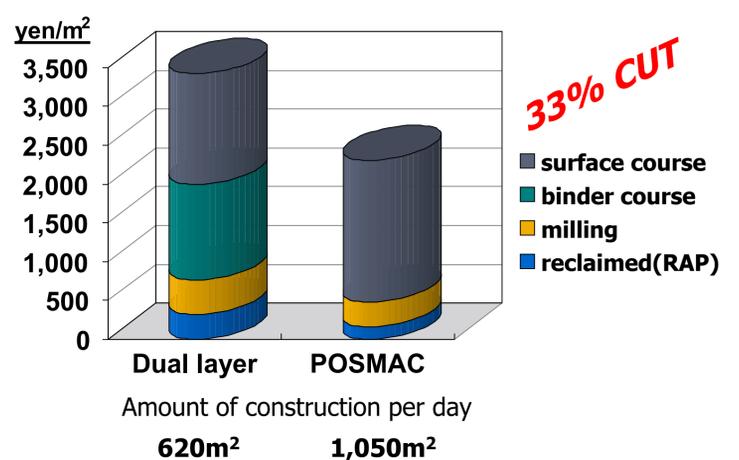
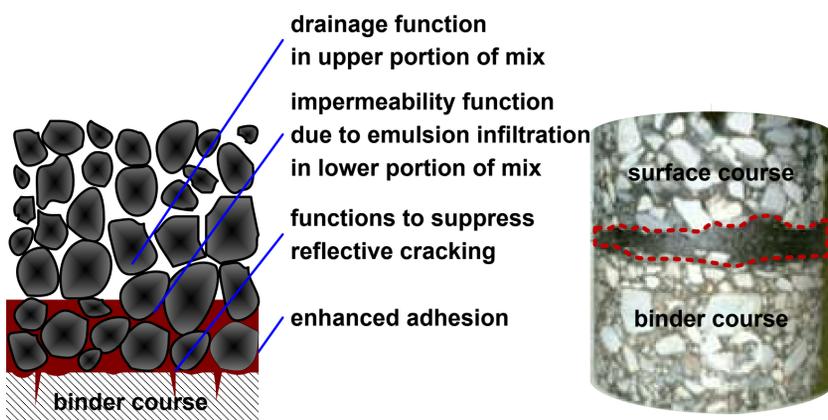
Dual layer build

POSMAC



Single layer build

Improved and added function



Accelerated Quick Setting Emulsified Asphalt

Tack Fine SQ

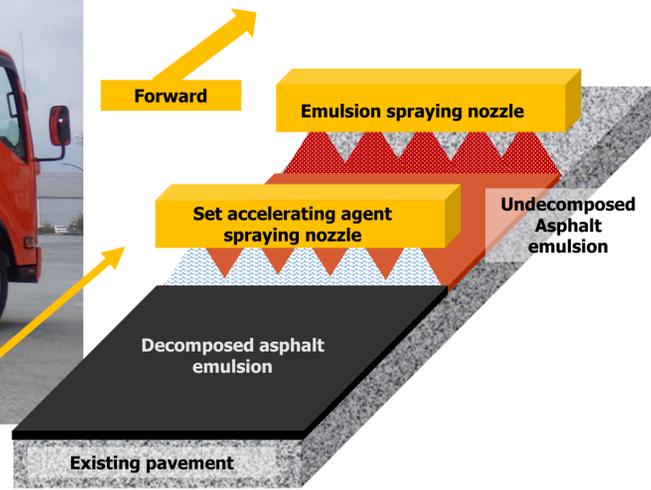
الأسفلت المركب
السرير التصلب

Overview

Tack Fine SQ is a high-performance tack coat which applies both modified asphalt emulsion and decomposition accelerating agent simultaneously with special distributor. It has excellent rapid setting and trackless to tire, while keeping interlayer adhesion performance.



Neutral decomposition accelerating agent is used

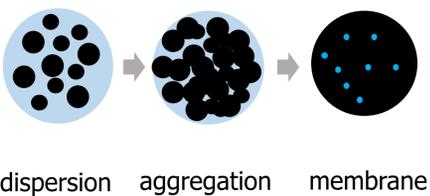


5 minutes after applying asphalt emulsion (Surface Temp: 5°C)



Shorten working time

Decomposition (setting)



Repair Materials for Pavements

Road Crack Series

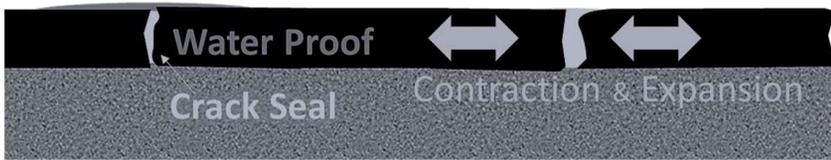
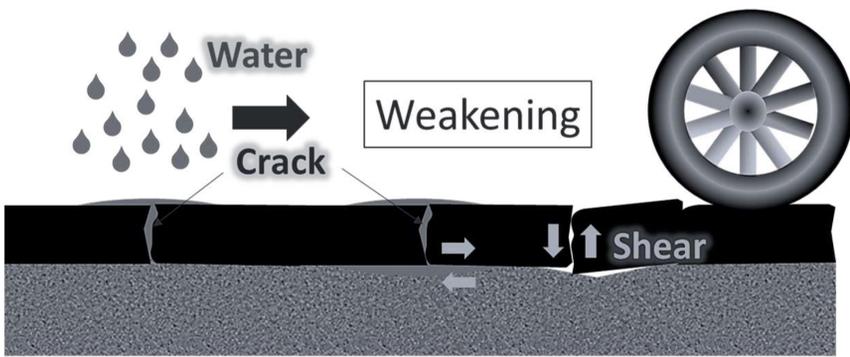
مواد إصلاح الطرق المعبدة سلسلة تشققات الطرق

Overview

Road Crack Series is repair materials for cracking on asphalt pavement/joint on concrete pavement. Our product line-ups are asphalt emulsion/hot asphalt injection and fabric. It prevents water permeation from cracking or joint.

Crack Sealer

Mechanisms of cracking in pavement



Items	Hot Sealer RC Sealer	Cold Sealer RC Mente
Reaction	-	Chemical
Workability	Using a hot kettle	Good
Curing time	Very Short	10-30min.
Width of crack	10 mm <	< 10 mm
Cost ratio	1	12



Cold Sealer

2 types
360g Bottle type
18kg Bottle type

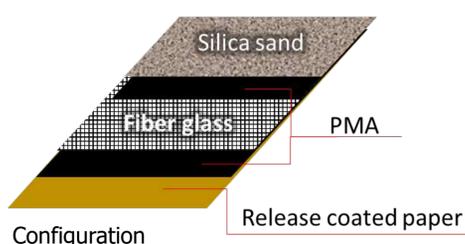
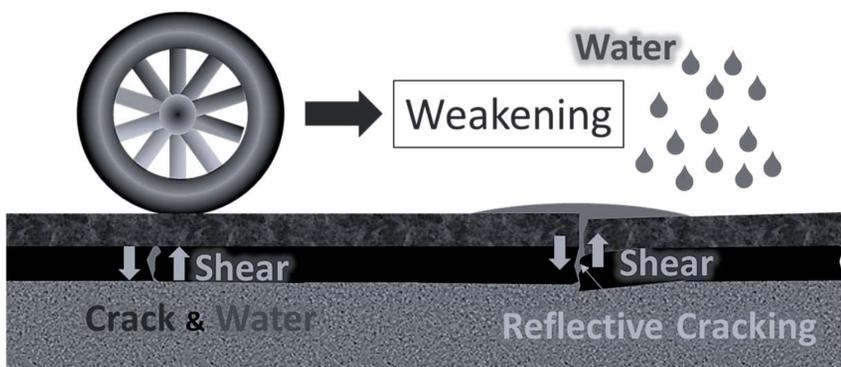


Hot Sealer

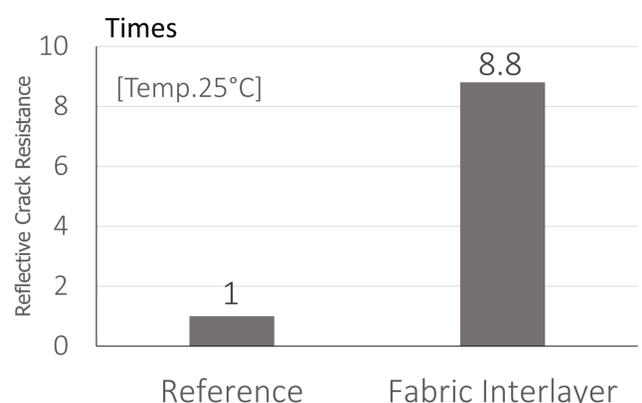
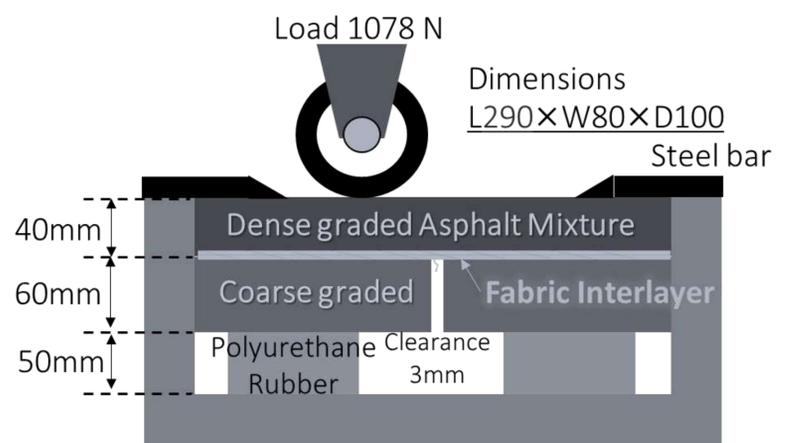
15 kg / box
2.5 kg ×6 piece

Fabric Interlayer: RC mesh GM

Mechanisms of reflective cracking



Reflective crack resistance



High Stability Asphalt Concrete

HS Ascon

أسمنت أسفلتي عالي الاستقرار

Overview

HS Binder is consisted of Polymer Modified Asphalt (HS Asphalt) and thermoplastic resin (HS additive). HS Asphalt is supplied like conventional asphalt. HS additive is put into mixer of asphalt plant directly. Then, HS Asphalt and HS additive are mixed in the asphalt mixture and become HS binder.

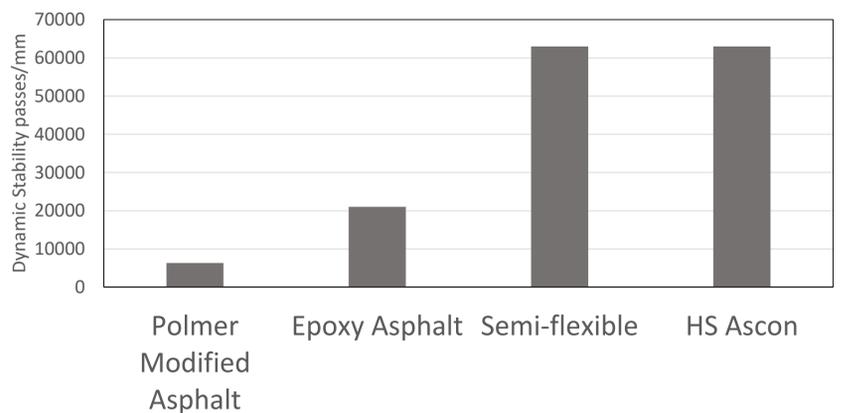
The durability of HS Ascon using HS Binder exceeds that of conventional polymer modified asphalt mixture.

Characteristics

- ◆ High durability
- ◆ Oil resistance
- ◆ Water resistance
- ◆ Easy Construction



Rutting Resistance



Dynamic Stability of HS Ascon is remarkably high compared with polymer modified asphalt. Its value is equivalent to the epoxy asphalt mixture or semi-rigid mixture.

Oil Resistance



HS Ascon

Conventional

Test Conditions:



- ◆ Kerosene : 2L/m²
- ◆ Loading equipment : Forklift (weight 3.4 t)
- ◆ Number of times : 20 reciprocating motions

Application areas

