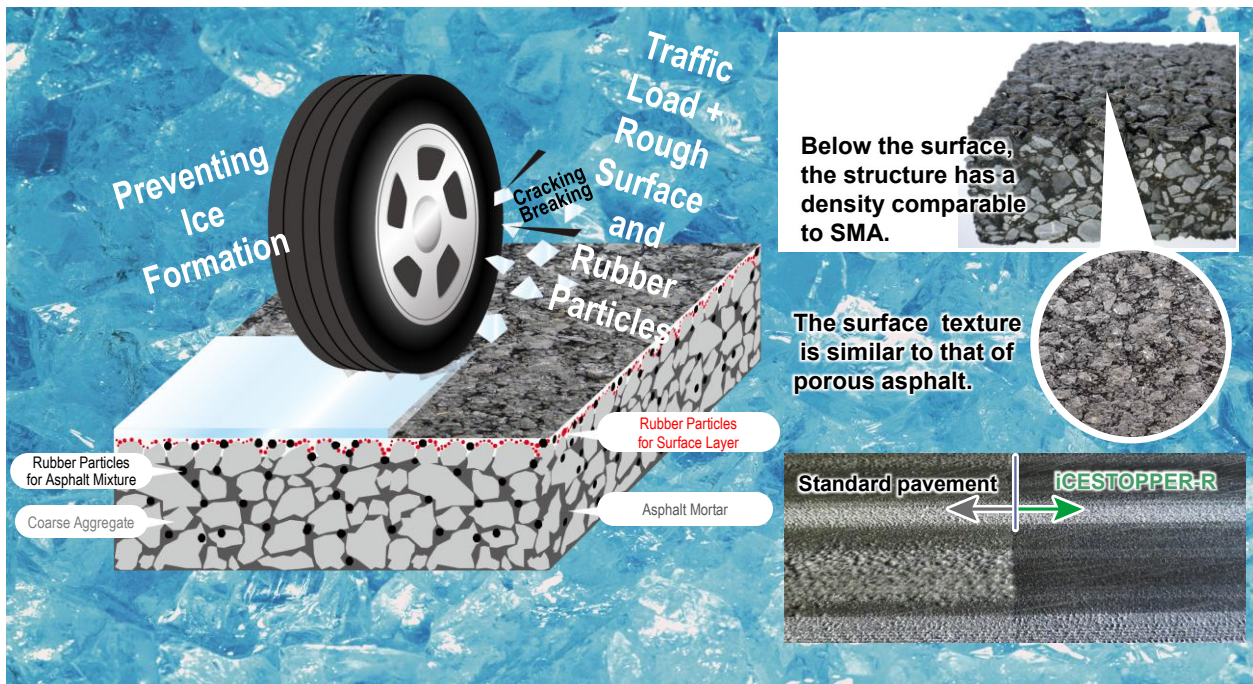


# iCESTOPPER-R

## iCESTOPPER-R



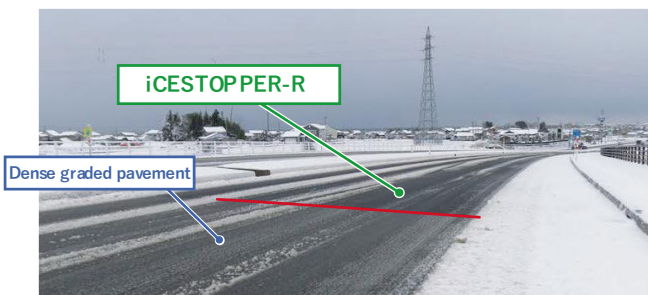
## Technology Overview

iCESTOPPER-R is a freezing prevention pavement that involves laying SMA containing rubber particles and additionally bonding rubber particles to its surface.

## Key Features

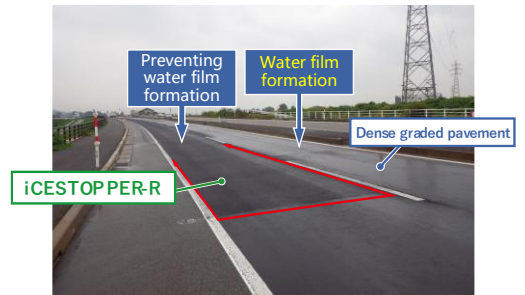
### 1 Freezing-prevention

Rubber particles within the pavement surface and mixture deform under traffic loads, crushing and removing snow and ice.



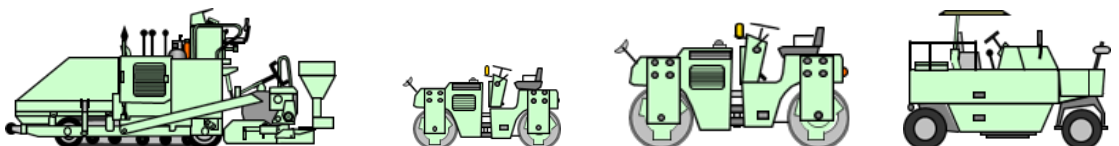
### 2 Driving safety

By ensuring sufficient surface texture depth, the formation of water films on the pavement is prevented.



## Construction Method

iCESTOPPER-R is applied using standard paving equipment with an attached rubber particle spreading machine.



# Raku-phalt

## Raku-phalt



### Technology Overview

Raku-phalt is the reaction-curable cold asphalt mixture for repairing asphalt pavement.

It has faster strength development and higher durability than typical cold mixtures (volatile type).

### Applications

- Repair of light- to heavy-traffic roads
- Repair of potholes
- Eliminating surface faulting
- Backfilling of core-sampling points

### How to Use

Prepare gloves, brooms, shovels, etc.

Prepare the required amount of water (kettle, watering can, plastic bottle).

1



Clean the area.  
Remove pebbles, debris, etc.

2



Put the required amount of material into a pothole.

3



Level the material with a shovel, etc.  
Add material 30% thicker.

4



Pour water before compaction.  
The amount of water used is approximately 1 liter per 20kg/bag.

5



Immediately after watering, the material should be compacted with your foot or the back of a shovel.

6



In areas with heavy traffic, the material should be compacted using a plate compactor, etc.

The package of Raku-phalt



Before



After



# TOUGH-ASCON

## TOUGH-ASCON



### Technology Overview

TOUGH-ASCON is an asphalt mixture enhanced with special additives. It can be constructed using the same methods as standard asphalt paving.

### Applications

- Locations with heavy vehicle traffic, such as logistics centers and factories
- Locations where oil leaks may occur
- Intersections and forklift routes

### Features

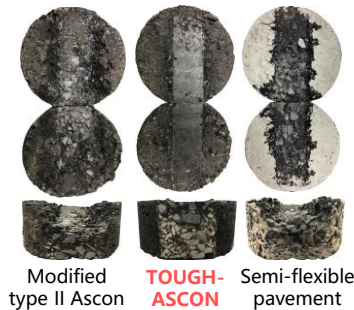
#### ● Superior resistance to:

- Rutting
- Water damage
- Oil penetration

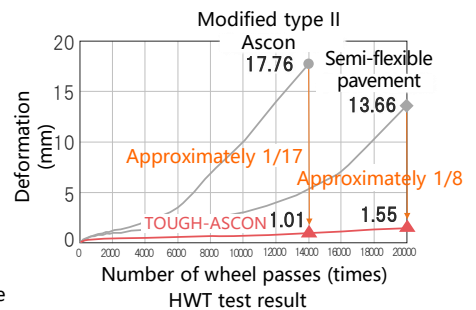
Suitable for use in areas prone to rutting and aggregate loss



HWT test equipment



Modified type II Ascon TOUGH-ASCON Semi-flexible pavement



#### ● Using the same methods as standard asphalt paving, so:

- No additional construction work required
- The road can be reopened to traffic soon after paving



Spreading



Initial compaction



Final compaction



Completion



# Raku-phalt

## Raku-phalt



### Technology Overview

Raku-phalt is the reaction-curable cold asphalt mixture for repairing asphalt pavement.

It has faster strength development and higher durability than typical cold mixtures (volatile type).

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- Repair of potholes
- Eliminating surface faulting
- Backfilling of core-sampling points

### How to Use

Prepare gloves, brooms, shovels, etc.

Prepare the required amount of water (kettle, watering can, plastic bottle).

- 1 Clean the area. Remove pebbles, debris, etc.
- 2 Put the required amount of material into a pothole.
- 3 Level the material with a shovel, etc. Add material 30% thicker.
- 4 Pour water before compaction. The amount of water used is approximately 1 liter per 20kg/bag.
- 5 Immediately after watering, the material should be compacted with your foot or the back of a shovel.
- 6 In areas with heavy traffic, the material should be compacted using a plate compactor, etc.

The package of Raku-phalt



Before



After

