

Roads, Parking Lots  
and Airfields  
(Asphalt-based)

# Trinidad Asphalt (Guss Asphalt)



**This pavement is water-impermeable, with a superior waterproofing effect, and an outstanding ability to flex with deformations in the steel plate deck.**

## Overview

- This paving method has excellent water-impermeability, and an outstanding ability to bend together with bridge flex. It is ideal for lower layer pavement of steel plate deck bridges.
- Crushed stone, sand, stone dust and hard asphalt are blended at a plant, and then mixed and kneaded in a cooker truck to obtain a fluidity and stability enabling the asphalt to be poured into place.
- Spreading is done using an asphalt finisher specially for trinidad asphalt mixtures.

## Features

- It can envelope protrusions such as rivets on the steel plate deck because the mixture has fluidity.
- The pavement flexes together with deformation of the steel plate deck due to the traffic load.
- The covering is water-impermeable, and acts as a waterproof layer since there are almost no voids in the mixture after paving.

## Applications

- Lower layer pavement of steel plate deck bridges