



# Mamz TackCoat®



## Eco-friendly bitumen emulsion tack coat

**Mamz TackCoat®** is a specially formulated asphalt emulsion proprietary tack coat developed in response to the risk of asphalt overlay delamination and slippage. As the capabilities of heavily loaded and racing vehicles continually improve exposing tracks to higher stresses.

**Mamz TacCoat®** is the next generation of tack coat designed to withstand these shear stresses.

### What is Mamz TackCoat®?

A tack coat is a bituminous emulsion used to apply a thin layer of bitumen to an existing pavement before the new asphalt is laid and is designed to act as glue between surfaces.

The surfacing requirements of motorways and heavy duty highways are different to what is needed for common pavements, so **Mamz TackCoat®** was formulated and designed to have specific properties other standard tack coats do not. **Mamz TackCoat®** is a premium modified bitumen emulsion tack coat, specifically formulated to reduce the risk of track failure by improving the adhesion of HMA to the existing pavement. **Mamz TackCoat®** also demonstrates superior curing times and exhibits minimal pick up on tyres just 30-60 minutes after application depending upon weather conditions.

### Why use Mamz TackCoat®?

Upon curing, **Mamz TackCoat®** forms an adhesive bond between the new overlay and the existing pavement. **Mamz TackCoat®** works by increasing adhesion and friction between the two layers and this is what contributes to bond strength.

**Mamz TackCoat®** is designed to maintain its strength even when exposed to high temperatures that could severely undermine the adhesive and cohesive properties of a conventional tack coat. **Mamz TackCoat®** exhibits greater bond strength when compared with conventional tack coats. This enables it to better withstand pavement failures such as delamination caused by extreme torque and braking stresses.

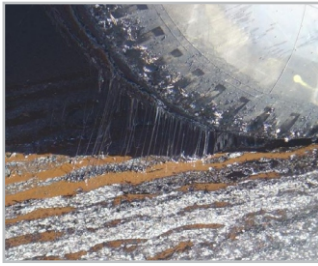
Pavement failures such as surface slips and delamination can adversely affect road vehicles. Use of **Mamz TackCoat®** also reduces maintenance cost.



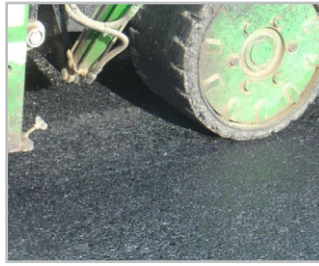
Example of pavement failure: Tracks constructed with regular tack coat can result in pavement delamination due to the extreme pressures inflicted during road usage.

## Mamz Asphalt Technologies (Pvt.) Ltd.

# Mamz TackCoat®



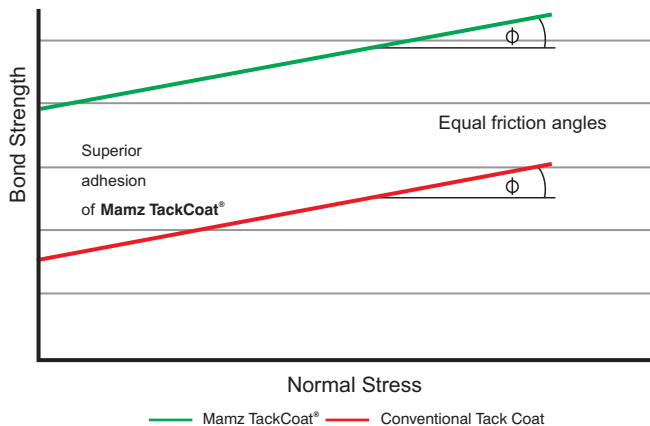
Pick up on tyres with conventional tack coat.



Minimal pick up on tyres with Mamz TackCoat®.

## What sets Mamz TackCoat® apart?

- Fast curing
- Minimal pick up
- Withstands extreme torsional torque
- Much stronger bond than conventional tack coats
- Maintains strength during hot weather.



## Properties

Appearance	: Brown Liquid
Residue	: 55 - 62%
Saybolt Furol Viscosity	: 20 Sec - 30 Sec @25°C
Particle Size	: 3 - 6 Microns
Settlement 5 days	: < 3%
Setting Time at 30°C	:
Initial set	: ≤ 2 hrs
Final set	: ≤ 6 hrs
Grades Available (Anionic/Cationic)	: RS-1, MS-1
Coverage	: 0.2 Kg/m <sup>2</sup> - 0.65 Kg/m <sup>2</sup>

## How to apply Mamz TackCoat®?

**Mamz TackCoat®** is applied using conventional paving equipment and processes for standard bitumen emulsion tack coat i.e. cleaning and spraying.



## How Mamz TackCoat® is supplied?

**Mamz TackCoat®** is supplied in ready to use 218 Kg gross steel drums. However bulk arrangements may also be done according to client need.

**Mamz TackCoat®** has a storage life of 12 month in unopened condition. It must of stored with in a temperature range of 5°C to 50°C.

## Standard Compliance

ASTM D140, ASTM D244, ASTM D977,  
BS 434, AASHTO M-140, AASHTO D242-38



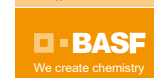
Roofline Group of Companies



**Mamz Asphalt Technologies (Pvt.) Ltd.**



Approved distributor



**Head Office Australia:** 71 Myrtle Street Preston NSW - Sydney, 2170 Australia. Tel: (0061) 400115505

**Corporate Office:** 105-A Mohafiz Town, Multan Road, Lahore. PABX: 042-35457688, 35457699 Fax: 042-35457689

**Islamabad Office:** Office No. 7, 2<sup>nd</sup> Floor, Al-Janat Plaza, G-8 Markaz, Islamabad. Tel: (051) 2256421 **Karachi Office:** House No. R-10, Row 7<sup>th</sup>, Block-D, N.E.C.H Society, Block-10-A, Gulshan-e-Iqbal, Karachi. Tel: (021) 34833591

**Faisalabad Office:** 82-B, Commercial Center, Millat Chowk, Faisalabad. Tel: (041) 8580233 **Peshawar Office:** Flat No. 5, Syed Plaza, Ring Road, Near Kohat Road, Over Head Bridge Peshwar. Tel: 0320-3775514

Email: [info@mamzasphalt.com](mailto:info@mamzasphalt.com)

Website: [www.mamzasphalt.com](http://www.mamzasphalt.com)