



PHALANX®

Superior Warm-Mix Additive

Better Performance with Reduced Energy Consumption.

PHALANX®, a specially engineered warm mix additive, is designed to improve compactability of hot asphalt mixes and Polymer Modified Bitumen (PMB) mixes. It helps reduce the paving temperature when laying down a roadway. PHALANX® helps lower the carbon footprint, reduce energy consumption, and deliver overall cost savings.



What It Is

- A Specially Engineered Molecule
 - A Surface-Active Agent
 - Highly Dosage Efficient Warm Mix Additive
- Suggested Dosage: 0.25 to 0.45%

What It Does

- Reduces Paving Compaction Temperature
- Improves Compactability Even at Lower Temperatures
- Improves Wettability, Acts as a Lubricant, and Aids Better Coating of Aggregates
- Reduces Mix Production Temperature

Impact on Environment

- Reduces Overall Energy Consumption
- Helps Lower Carbon Footprint and Achieve Sustainability Goals

PHALANX® Technical Data

Technical Data	Typical Value
Heating Loss	< 0.5%
Acid Value	1 to 4 mg KOH/g
Melting Point Range	135 to 145 °C 275 to 293 °F

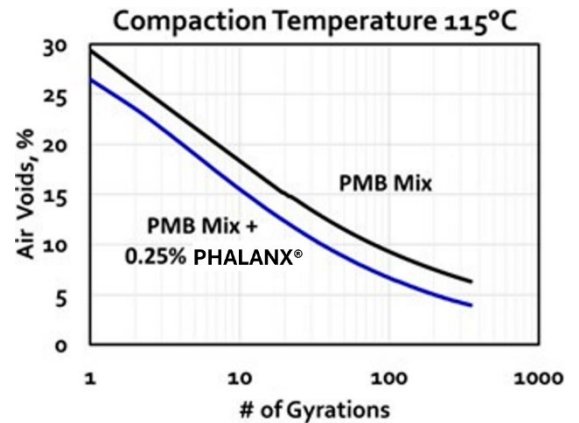
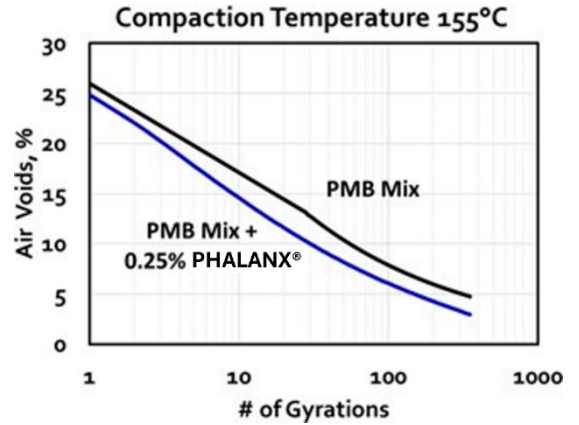
Physical Properties & Packaging

Property	Typical
Color	Light Blue
Form	Flake
Packaging	net 20 or 25 kg bags 50 or 40 bags per pallet

All values representative only.

PHALANX® Dosed Mixes Exhibit Superior Compactability Even at Lower Compaction Temperatures

* PMB = Australian A15E Binder
(approx. 5% elastomeric polymer)



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