



The Densiphalt® Flexible Paving System

The Densiphalt® System is a semi-flexible pavement combining the best properties of asphalt and concrete. It is applied as an open-graded asphalt in which the voids are filled with Densiphalt® cementitious mortar. In this way, the Densiphalt® system combines the flexibility and freedom from joints of asphalt with the excellent bearing and wear resistance of concrete. Suitable for new construction and for renovation, Densiphalt® is the natural solution in many areas such as: Airports (aprons; runway ends; refueling pads; etc); Harbors (container terminals, etc); Light Industries and warehouses, distribution centers.

Advantages

- Simple and rapid installation
- An alternative solution where demands for flexibility, strength, durability, and chemical resistance cannot be fulfilled with concrete or asphalt alone
- Economical - due to low installation costs and short construction process
- Excellent driving and walking comfort.
- Joint-free pavement.
- Minimum and easy maintenance
- Early trafficking

Densiphalt® is applied in thickness of 30-40 mm. Up to 2,000 m² may be installed per day with traffic access within 24-36 hours.

Densiphalt® is ideal for the refurbishment of old factory or warehouse floors where levels need to be corrected and where the surface of the concrete has deteriorated and requires to be removed; contaminated or damaged surface is removed down to sound concrete and the Densiphalt® is then installed directly on to the prepared surface at the desired final level and tolerance.

Densiphalt® is an exciting alternative in new construction projects. The use of the Densiphalt® system in on grade construction allows the Engineer and main contractor enormous flexibility in base slab design, This ability to change working sequences offers both time and cost savings to both clients and contractors

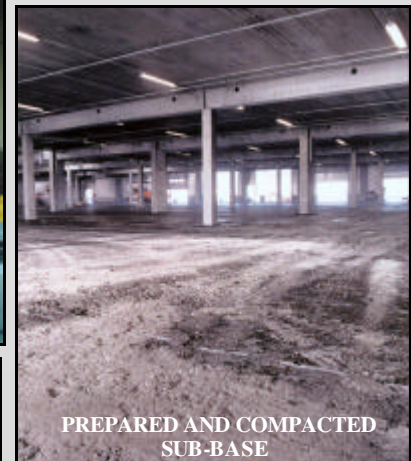
In Very Narrow Aisle (VNA) warehouses where lifting heights are great (6m or more) and thus requirements with regard to flatness are stringent simple diamond grinding of the Densiphalt® meets these requirements.



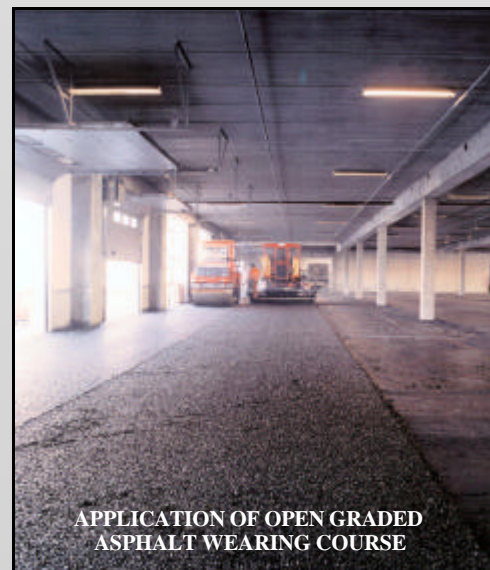
SITE PREPARATION



COMPLETED WAREHOUSE STRUCTURE



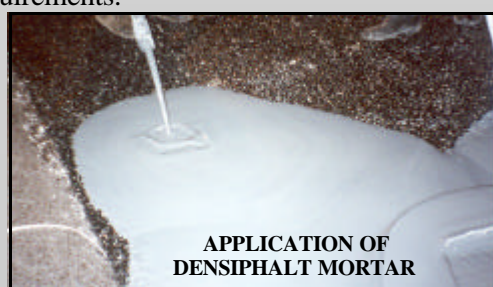
PREPARED AND COMPACTED SUB-BASE



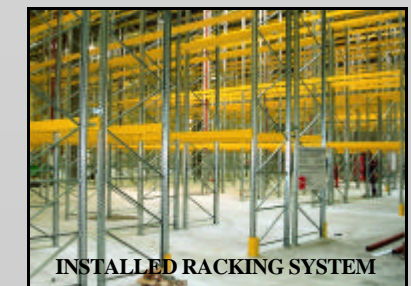
APPLICATION OF OPEN GRADED ASPHALT WEARING COURSE



DENSIPHALT BATCHING PLANT AND PUMP



APPLICATION OF DENSIPHALT MORTAR



INSTALLED RACKING SYSTEM

