

U.S. OIL & REFINING CO.

Tacoma, Washington

PAVING GRADE
ASPHALT PBA-5

PAVING GRADE ASPHALT, PBA-5

Description:

PBA-5 is an asphalt cement that is used in pavement construction. PBA-5 produced by U.S. Oil meets the User/Producer specification for PBA-5.

Specifications may vary between agencies so you must validate with the asphalt supplier as to the product meeting the specifications.

Storage /Handling:

Personnel must be trained in the proper handling of PBA-5 and provided the information contained in the Material Safety Data Sheet (MSDS).

The WSDOT specifications state that asphalts at hot mix plants may be heated to a maximum temperature of 177°C (350°F). The preferred storage temperatures for PBA-5 is 141°C to 163°C (285°F to 325°F). Unnecessarily high temperatures result in increased hardening and heating costs. These temperatures should be verified with your asphalt supplier.

This asphalt must be stored in insulated tanks, which have hot oil, electric or high-pressure steam heating systems. We recommend that inspection of asphalt storage tanks be done on a regular basis to prevent potential performance problems.

Because of the high temperatures of paving asphalts, extreme care must be exercised in handling them to prevent severe burns. Proper clothing must be worn with face shields, hard hats, long sleeve shirts, pants, boots and rubber-faced insulated gloves being required for protection.

When loading trucks and trailers or transferring paving asphalts into empty tanks care must be taken to prevent boiling-over due to the presence of water. If trucks or trailers have previously hauled a water-based product such as emulsified asphalt, they must be inspected for moisture and may require drying out before loading. Also, hoses and fittings must be inspected regularly for defects.

Usage:

PBA-5 is a paving asphalt cement primarily used for production of Hot Mix Asphalt (HMA). This product could also be used for sealing the edges of new to old paving and crack sealing.

Mixing:

The use of proper mixing temperatures for a PBA asphalt like PBA-5 is not only important to achieving adequate asphalt coating and mix compaction, but also to the asphalt hardening and pavement properties. Therefore, it is important to consider the mixing temperatures recommended in the mix design or by the asphalt supplier

Additional Information:

For additional information on PBA-5, contact the Asphalt Division of U.S. Oil & Refining Co., 3001 Marshall Avenue, Tacoma, Washington, 98421, Telephone: 253-383-1651 and Fax: 253-572-1717

Disclaimer of Implied Warranties:

U.S. Oil & Refining Co. makes no warranty that the asphalt material discussed in this product bulletin is merchantable or fit for any particular purpose, and there are no warranties, expressed or implied, which extend beyond this product bulletin.

Disclaimer of Expressed Warranties:

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