



# KB

## OIL DMCC

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## OUR MISSION

Supplying and trading bitumen and relevant products, offering knowledge solutions for the bitumen industry and management of effective factors in the industrial value chain along with value creation for stakeholders.

## RESEARCH & DEVELOPMENT UNIT

The Research and Development (R&D) unit of KB OIL DMCC was launched in order to centralizing research activities and directing them towards production, better accountability to customers' needs, diversity in products in compliance with international standards, reducing environmental pollution, more communications and interaction with research institutes and universities and management and improvement of science and technology with well-experienced staffs in 2006. This unit incorporates fully equipped labs to conduct tests on penetration grade bitumen (measuring penetration, softening point, breaking point, elasticity, viscosity, density, flash point, solvability, and insulation), cutback bitumen (distillation), emulsion (measuring emulsion of bitumen, stability tests), polymer modified bitumen (polymer pilot, stability tests, reversibility) and tests for measuring RV, RTFO, BBR, PAV and DSR. The main standards used in this unit are ASTM and EN. Efforts have been made to apply national standards in order to satisfy domestic clients, too. But since national standards have not been defined completely for many new products, a comprehensive method complying with international standards has been defined. As for the products in which international standards fail to satisfy domestic clients, the views of clients have largely been taken into consideration and the necessary tests have been conducted.

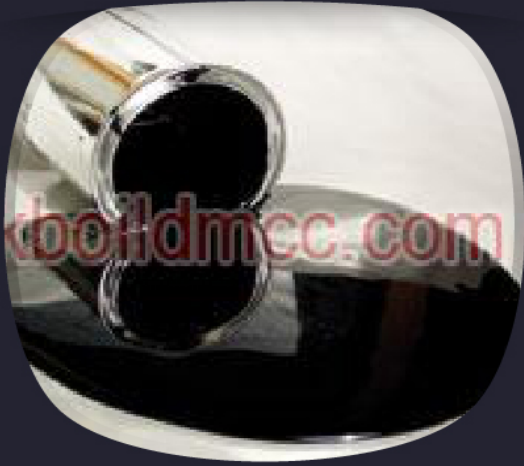
A variety of projects have already been launched by the R&D unit of KB OIL DMCC. In some projects, Sharif University of Technology, Amir-Kabir University of Technology, and Petrochemical Institute (IPPI) have been involved. The R&D unit has also paid special attention to human resources. It has regularly held training courses for its staff in order to boost their knowledge.

## Health, Safety & Environment

Attention to "sustainable development", safe and healthy workplace, environment-friendly products and services as well as daily-growing development of high-risk activities and technological developments have thrown health, safety, and environment (HSE) standards into bold relief.



### Cationic Bitumen Emulsion



Application

Road Construction, Bituminous

Features

Waterproofing, Coating on Roofs  
Suitable for highly stressed areas,  
High viscosity

Pack Size

100-250 Liter or as per clients demand

Grade Standard

Reagent Grade, Technical Grade

Source

Synthetic

Advantage

No heating require, Very durable

### Polymer Modified Bitumen Emulsion



Application

Road Construction, Bituminous

Features

Waterproofing, Coating on Roofs  
Suitable for highly stressed areas,  
High viscosity

Pack Size

100-250 Liter or as per clients demand

Grade Standard

Reagent Grade, Technical Grade

Source

Synthetic

Advantage

No heating require, Very durable

### Anionic Bitumen Emulsion



Application

Road Construction, Bituminous

Features

Waterproofing, Coating on Roofs  
Suitable for highly stressed areas,  
High viscosity

Pack Size

100-250 Liter or as per clients demand

Grade Standard

Reagent Grade, Technical Grade

Source

Synthetic

Advantage

No heating require, Very durable



# CUTBACK BITUMEN

## Our Products

### Medium Curing Cutback Bitumen



Application

Road Construction, Bituminous

Features

Waterproofing, Coating on Roofs  
Suitable for highly stressed areas,  
High viscosity

Pack Size

100-250 Liter or as per clients demand

Grade Standard

Reagent Grade, Technical Grade

Source

Synthetic

Advantage

No heating require, Very durable

### Rapid Curing Cutback Bitumen



Application

Road Construction, Bituminous

Features

Waterproofing, Coating on Roofs  
Suitable for highly stressed areas,  
High viscosity

Pack Size

100-250 Liter or as per clients demand

Grade Standard

Reagent Grade, Technical Grade

Source

Synthetic

Advantage

No heating require, Very durable

### Slow Curing Cutback Bitumen



Application

Road Construction, Bituminous

Features

Waterproofing, Coating on Roofs  
Suitable for highly stressed areas,  
High viscosity

Pack Size

100-250 Liter or as per clients demand

Grade Standard

Reagent Grade, Technical Grade

Source

Synthetic

Advantage

No heating require, Very durable

# Our Products

## Crumb Rubber Modified Bitumen



Application

Road Construction, Bituminous

Features

Waterproofing, Coating on Roofs

Suitable for highly stressed areas,

High viscosity

Pack Size

100-250 Liter or as per clients demand

Grade Standard

Reagent Grade, Technical Grade

Source

Synthetic

Advantage

No heating require, Very durable

## Oxidized Bitumen



Application

Road Construction, Bituminous

Features

Waterproofing, Coating on Roofs

Suitable for highly stressed areas,

High viscosity

Pack Size

100-250 Liter or as per clients demand

Grade Standard

Reagent Grade, Technical Grade

Source

Synthetic

Advantage

No heating require, Very durable

## Penetration Grade Bitumen



Application

Road Construction, Bituminous

Features

Waterproofing, Coating on Roofs

Suitable for highly stressed areas,

High viscosity

Pack Size

100-250 Liter or as per clients demand

Grade Standard

Reagent Grade, Technical Grade

Source

Synthetic

Advantage

No heating require, Very durable

# Our Products

## Viscosity Grade Bitumen



Application

Features

Pack Size

Grade Standard

Source

Advantage

Road Construction, Bituminous  
Waterproofing, Coating on Roofs  
Suitable for highly stressed areas,

High viscosity

100-250 Liter or as per clients demand

Reagent Grade, Technical Grade

Synthetic

No heating require, Very durable

## Performance Grade Bitumen



Application

Features

Pack Size

Grade Standard

Source

Advantage

Road Construction, Bituminous  
Waterproofing, Coating on Roofs  
Suitable for highly stressed areas,  
High viscosity

100-250 Liter or as per clients demand

Reagent Grade, Technical Grade

Synthetic

No heating require, Very durable



# Our Products

## Warm Mix Asphalt



Application

Road Construction, Bituminous

Features

Waterproofing, Coating on Roofs  
Suitable for highly stressed areas,

Pack Size

High viscosity  
100-250 Liter or as per clients demand

Grade Standard

Reagent Grade, Technical Grade

Source

Synthetic

Advantage

No heating require, Very durable

## Nanotechnology Bitumen



Application

Road Construction, Bituminous  
Waterproofing, Coating on Roofs

Features

Suitable for highly stressed areas,  
High viscosity

Pack Size

100-250 Liter or as per clients demand

Grade Standard

Reagent Grade, Technical Grade

Source

Synthetic

Advantage

No heating require, Very durable

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