



# AIWIN OXIDIZED BITUMEN

## Grade 40/50



### Description:

**AIWIN BITUMEN PENETRATION GRADE 40/50** is hard penetration grade bitumen using as paving grade bitumen suitable for road construction and repair also for the production of asphalt pavements with below technical specification. This grade of bitumen is mainly used in the manufacture of hot mix asphalt for bases and wearing courses

### TECHNICAL DATA

PROPERTIES	MIN	MAX	TEST METHOD
Softening Point, °C	52	60	ASTM D 36
Penetration at 25°C, Dmm	40	50	ASTM D 5
Specific gravity @ 25°C	1.01	1.06	ASTM D 70
Ductility at 25°C, cm	100		ASTM D 113
Flash Point (COC), °C	230		ASTM D 92
Loss on heating (wt ) %		0.2	ASTM D 6
Solubility in Trichloroethylene, %	99		ASTM 2042
Complies with	ASTM D 946		

### Uses

**Aiwin oxidized Bitumen 40/50** is used almost for roads,paving,industrial application e.g roofing ,flooring ,mastics, pipe coating ,paints etc.

### Packing and Transportation

**Aiwin Oxidized Bitumen 40/50** is supplied in 10-20 ton heated jacketed tanker. In liquid form at 150°C when leaves our factory.

It can be supplied in bulk (tankers) and in 200 Lit. used steel drums, reheating should be carried by customer or end user. Recommended heating temperature 150- 160°C.

### Health & Safety

Workers should wear protective masks, gloves and goggles during application.

The asphalt can be removed from equipment and tools with kerosene or gasoline.

Care should be taken when heating Aiwin Oxidized Bitumen Grade 40/50 to avoid overheating.

This technical data complement to ASTM, B.S, and UEAtc.

This product data sheet supersedes all previous data publication pertaining to this product.

All values given refer to standard production within the usual factory tolerance.

(Variation of ±5% in thickness, ±10% in weight, and 20% in tensile and 15% in elongation is acceptable according to standard).

Aiwin reserve the right to change said values without advance notice but without affecting the quality of the product.

Reissued in 2020  
Made in Jordan