



## Asphalt & Bitumen West Co.

### ABOUT US

Asphalt and Bitumen West Company is the first producer of bitumen emulsion and cutback bitumen in West of Iran also we are proud for being one of the main contractors of construction and maintenance of a significant part of Iran's roads network.

The company's major activity contains implementation of protective asphalt including but not limited to fog seal, seal coat, surface treatment and chip seal in a way that around 2000 Km of the roads have been treated with protective coating within the past couple of years.

The products of this company bear the compulsory standard logo from ISIRI and accredited by the Technical and soil Mechanic Laboratory of the Ministry of Road and Urban Development, and all products comply with the National Iranian Standard No.12505, ASTM International Standards (D2027 D2397) and CE 1992 (EN 15322:2009) European Standard.

West company is prepared to supply different types of cutback bitumen, including MC30, MC70, MC250, MC800, MC 3000, SC70, SC250, SC800, SC3000 as well as cationic emulsion bitumen such as CSS-1, CMS-2, CRS-2, CRS-1, K1-40, K1-60 and K1-70 for domestic and global markets both in bulk and barreled packages.

It is worth mentioning that all the products of this company are offered in the Iranian Mercantile Exchange and buyer may purchase the same through the brokerage.



# Asphalt & Bitumen West Co.





## Cutback

Cutback bitumen (liquid bitumen) is a bituminous binder in which bitumen is diluted in petroleum distillates in order to reduce bitumen's viscosity and consequently to increase the penetrating of bitumen in to the surface.

Cutback bitumen can also be sprayed at quite lower temperatures compared to the neat bitumen. The solvent will evaporate after application to leave the remaining material similar in hardness to the original bitumen.

**Advantageous:**  
higher content of bitumen cement, easy to apply



# Asphalt & Bitumen West Co.

Property	Min	Max	Test Method
Kinematic viscosity at °60C mm <sup>2</sup> /s	30	60	ASTM D2170
Flash Point (Tag Open-Cup), °C	38	-	ASTM D3143
Distillate test: Distillate, volume percent of total Distillate to °360C:			
To °225C	-	35	ASTM D402
To °260C	30	75	ASTM D402
To °316C	75	95	ASTM D402
Residue from distillation to °360C, percent volume by difference	50	-	ASTM D402
Tests on residue from distillation:			
Viscosity at 60 °C,	30	120	ASTM D2170
Penetration at 25 °C,	120	300	ASTM D5
Ductility at 25 °C,	100	-	ASTM D113
Solubility in trichloroethylene, %	99	-	ASTM D2042
Water, %	-	0.2	ASTM D95

Type: Medium-Curing

Grade: Mc-30

Standard: ASTM D 2027M-13

**Mc 30**

Medium Curing, Contain %50 Bitumen

**Application:**

- Prime Coat, Tight Surface



**Type: Medium-Curing**

**Grade: Mc-70**

**Standard: ASTM D 2027M-13**

## Mc 70

Medium Curing, Contain %55 Bitumen

### Mixture with Aggregate:

- Mixed-In-Place: Pavement Base and Surface (Sand)

### Application:

- Prime Coat (Open and Tight Surface)  
- Dust Binder

Property	Min	Max	Test Method
Kinematic viscosity at °60C mm <sup>2</sup> /s	70	140	ASTM D2170
Flash Point (Tag Open-Cup), °C	38	-	ASTM D3143
Distillate test: Distillate, volume percent of total Distillate to °360C:			
To °225C	-	25	ASTM D402
To °260C	10	70	ASTM D402
To °316C	65	93	ASTM D402
Residue from distillation to °360C, percent volume by difference	55	-	ASTM D402
Tests on residue from distillation:			
Viscosity at 60 °C,	30	120	ASTM D2170
Penetration at 25 °C,	120	300	ASTM D5
Ductility at 25 °C,	100	-	ASTM D113
Solubility in trichloroethylene, %	99	-	ASTM D2042
Water, %	-	0.2	ASTM D95

# Asphalt & Bitumen West Co.

Property	Min	Max	Test Method
Kinematic viscosity at °60C mm <sup>2</sup> /s	250	300	ASTM D2170
Flash Point (Tag Open-Cup), °C	66	-	ASTM D3143
Distillate test: Distillate, volume percent of total Distillate to °360C:			
To °225C	-	20	ASTM D402
To °260C	5	55	ASTM D402
To °316C	60	90	ASTM D402
Residue from distillation to °360C, percent volume by difference	67	-	ASTM D402
Tests on residue from distillation:			
Viscosity at 60 °C,	30	120	ASTM D2170
Penetration at 25 °C,	120	300	ASTM D5
Ductility at 25 °C,	100	-	ASTM D113
Solubility in trichloroethylene, %	99	-	ASTM D2042
Water, %	-	0.2	ASTM D95

Type: Medium-Curing

Grade: Mc-250

Standard: ASTM D 2027M-13

## Mc 250

Medium Curing, Contain %67 Bitumen

### Mixture with Aggregate:

- Cold-Laid Plant Mix: Pavement Base and surface (Dense Grade Aggregate), Patching for Immediate Use and Stockpile
- Mixed-In\_Place: Pavement Base and Surface (Dense Grade Aggregate, Sand, Sandy Oil), Patching for Immediate Use and Stockpile

### Application:

- Sand Seal
- Prime Coat (Open Surface)



**Type: Medium-Curing**

**Grade: Mc-800**

**Standard: ASTM D 2027M-13**

## Mc 800

Medium Curing, Contain %75 Bitumen

### Mixture with Aggregate:

- Cold-Laid Plant Mix: Pavement Base and surface (Open and Dense Grade Aggregate), Patching for Immediate Use and Stockpile
- Mixed-In-Place: Pavement Base and Surface (Open and Dense Grade Aggregate, Sand, Sandy Oil), Patching for Immediate Use and Stockpile

### Application:

- Single Surface Treatment
- Sand Seal

Property	Min	Max	Test Method
Kinematic viscosity at °60C mm <sup>2</sup> /s	800	1600	ASTM D2170
Flash Point (Tag Open-Cup), °C	66	-	ASTM D3143
Distillate test: Distillate, volume percent of total Distillate to °360C:			
To °225C	-	-	ASTM D402
To °260C	-	40	ASTM D402
To °316C	45	85	ASTM D402
Residue from distillation to °360C, percent volume by difference	75	-	ASTM D402
Tests on residue from distillation:			
Viscosity at 60 °C,	30	120	ASTM D2170
Penetration at 25 °C,	120	250	ASTM D5
Ductility at 25 °C,	100	-	ASTM D113
Solubility in trichloroethylene, %	99	-	ASTM D2042
Water, %	-	0.2	ASTM D95

# Asphalt & Bitumen West Co.

Property	Min	Max	Test Method
Kinematic viscosity at °60C mm <sup>2</sup> /s	3000	6000	ASTM D2170
Flash Point (Tag Open-Cup), °C	66	-	ASTM D3143
Distillate test: Distillate, volume percent of total Distillate to °360C:			
To °225C	-	-	ASTM D402
To °260C	-	15	ASTM D402
To °316C	15	75	ASTM D402
Residue from distillation to °360C, percent volume by difference	80	-	ASTM D402
Tests on residue from distillation:			
Viscosity at 60 °C,	30	120	ASTM D2170
Penetration at 25 °C,	120	250	ASTM D5
Ductility at 25 °C,	100	-	ASTM D113
Solubility in trichloroethylene, %	99	-	ASTM D2042
Water, %	-	0.2	ASTM D95

**Type: Medium-Curing**

**Grade: Mc-3000**

**Standard: ASTM D 2027M-13**

## Mc 3000

Medium Curing, Contain %80 Bitumen

### Mixture with Aggregate:

- Cold-Laid Plant Mix: Pavement Base and surface (Dense Grade Aggregate), Patching for Immediate Use and Stockpile
- Mixed-In-Place: Pavement Base and Surface (Open Grade Aggregate), Patching for Immediate Use and Stockpile

### Application:

- Single Surface Treatment
- Multiple Surface Treatment







**Type: Slow-Curing**

**Grade: SC-70**

**Standard: ASTM D 2026M - 15**

## SC 70

**Applications:**  
Dust binder

Property	Min	Max	Test Method
Kinematic viscosity at °60C [°140F], mm <sup>2</sup> /s	70	140	ASTM D2170
Flash point (Cleveland open cup), °C [°F]	66	-	ASTM D92
Distillate test:			
Total distillate to °360C [°680F], volume %	10	30	ASTM D402
Solubility, %	99		ASTM D2042
Kinematic viscosity on distillation residue at °60C [°140F], mm <sup>2</sup> /s	400	7000	ASTM D2170
Asphalt residue:			
Residue of 100 penetration, %	50		ASTM D243
Ductility of 100 penetration residue at °25C [°77F], cm	100		ASTM D113
Water, %	-	0.5	ASTM D95

# Asphalt & Bitumen West Co.

Property	Min	Max	Test Method
Kinematic viscosity at °60C [°140F], mm <sup>2</sup> /s	250	500	ASTM D2170
Flash point (Cleveland open cup), °C [°F]	79	-	ASTM D92
Distillate test:			
Total distillate to °360C [°680F], volume %	4	20	ASTM D402
Solubility, %	99		ASTM D2042
Kinematic viscosity on distillation residue at °60C [°140F], mm <sup>2</sup> /s	800	10000	ASTM D2170
Asphalt residue:			
Residue of 100 penetration, %	60		ASTM D243
Ductility of 100 penetration residue at °25C [°77F], cm	100		ASTM D113
Water, %	-	0.5	ASTM D95

Type: Slow-Curing

Grade: SC-250

Standard: ASTM D 2026M - 15

## SC 250

### Applications:

Open-graded aggregate  
Dense-graded aggregate  
Patching, stockpile  
Dust binder



Property	Min	Max	Test Method
Kinematic viscosity at °60C [°140F], mm <sup>2</sup> /s	800	1600	ASTM D2170
Flash point (Cleveland open cup), °C [°F]	93	-	ASTM D92
Distillate test:			
Total distillate to °360C [°680F], volume %	2	12	ASTM D402
Solubility, %	99		ASTM D2042
Kinematic viscosity on distillation residue at °60C [°140F], mm <sup>2</sup> /s	2000	16000	ASTM D2170
Asphalt residue:			
Residue of 100 penetration, %	70		ASTM D243
Ductility of 100 penetration residue at °25C [°77F], cm	100		ASTM D113
Water, %	-	0.5	ASTM D95

**Type: Slow-Curing**

**Grade: SC-800**

**Standard: ASTM D 2026M - 15**

## SC 800

### Applications:

Dense-graded aggregate  
 Open-graded aggregate  
 Dense-graded aggregate  
 Patching, immediate use  
 Patching, stockpile

# Asphalt & Bitumen West Co.

Property	Min	Max	Test Method
Kinematic viscosity at °60C [°140F], mm <sup>2</sup> /s	3000	6000	ASTM D2170
Flash point (Cleveland open cup), °C [°F]	107	-	ASTM D92
Distillate test:			
Total distillate to °360C [°680F], volume %	-	5	ASTM D402
Solubility, %	99		ASTM D2042
Kinematic viscosity on distillation residue at °60C [°140F], mm <sup>2</sup> /s	4000	35000	ASTM D2170
Asphalt residue:			
Residue of 100 penetration, %	80		ASTM D243
Ductility of 100 penetration residue at °25C [°77F], cm	100		ASTM D113
Water, %	-	0.5	ASTM D95

Type: Slow-Curing

Grade: SC-3000

Standard: ASTM D 2026M - 15

## SC 3000

### Applications:

Open-graded aggregate  
Dense-graded aggregate  
Patching, immediate use



## Bitumen Emulsion

Bitumen emulsion is a dispersion of bitumen particles in water by means of emulsifiers which is widely used in road construction and road maintenance. Bitumen cement will be remained after gradual evaporation of water. Presence of water as the solvent offers some advantages to this bituminous binder. Environmental friendly aspect, saving energy, easy handling and storage, cost effective, safety while operation, to name but a few.



# Asphalt & Bitumen West Co.

Property	Min	Max	Test Method
<b>Test on Emulsions</b>			
Viscosity, Saybolt Furol at 25 °C, SFC	-	-	ASTM D244
Viscosity, Saybolt Furol at 50 °C, SFC	20	100	ASTM D244
Storage stability test, 24 -h, %	-	1	ASTM D6930
Demulsibility, 35 mL, 0.8 % diostyl sodium sulfosuccinate, %	40	-	ASTM D6936
<b>Coating ability and water resistance:</b>			
Coating, dry aggregate	-	-	ASTMD244
Coating, after spraying	-	-	ASTMD244
Coating, wet aggregate	-	-	ASTMD244
Coating, after spraying	-	-	ASTMD244
Particle charge test	positive		ASTMD244
Sieve test, %	-	0.1	ASTMD6933
Cement mixing test, %	-	-	ASTMD6935
<b>Distillation:</b>			
Oil distillate, by volume of emulsion, %	-	3	ASTM D6997
Residue, %	60	-	ASTM D244
<b>Tests on residue from distillation test:</b>			
Penetration, 25 °C (77 °F), 100g, 5s	100	250	ASTM D5
Dustility, 25 °C (77 °F), 5cm/min, cm	40	250	ASTM D113
Solubility in trichloroethylene, %	97.5	-	ASTM D2042

**Type: Rapid-Setting**

**Grade: CRS-1**

**Standard: ASTM D 2397**

## Bitumen Emulsion CRS-1

Cationic Rapid Set, Contain %60 Bitumen Cement

**Application:**

- Tack Coat
- Chip Seal
- Penetration Macadam Dense Graded



**Type: Medium-Curing**

**Grade: CRS-2**

**Standard: ASTM D 2397**

## Bitumen Emulsion CRS-2

Cationic Rapid Set, Contain %65 Bitumen Cement

**Application:**

- Seal Coat
- Surface Dressing
- Penetration Macadam Dense Graded

Property	Min	Max	Test Method
<b>Test on Emulsions</b>			
Viscosity, Saybolt Furol at 25 °C, SFC	-	-	ASTM D244
Viscosity, Saybolt Furol at 50 °C, SFC	100	400	ASTM D244
Storage stability test, 24 -h, %	-	1	ASTM D6930
Demulsibility, 35 mL, 0.8 % diostyl sodium sulfosuccinate, %	40	-	ASTM D6936
<b>Coating ability and water resistance:</b>			
Coating, dry aggregate	-	-	ASTM D244
Coating, after spraying	-	-	ASTM D244
Coating, wet aggregate	-	-	ASTM D244
Coating, after spraying	-	-	ASTM D244
Particle charge test	positive		ASTM D244
Sieve test, %	-	0.1	ASTM D6933
Cement mixing test, %	-	-	ASTM D6935
<b>Distillation:</b>			
Oil distillate, by volume of emulsion, %	-	3	ASTM D6997
Residue, %	65	-	ASTM D244
<b>Tests on residue from distillation test:</b>			
Penetration, 25 °C (77 °F), 100g, 5s	100	250	ASTM D5
Dustility, 25 °C (77 °F), 5cm/min, cm	40	-	ASTM D113
Solubility in trichloroethylene, %	97.5	-	ASTM D2042

# Asphalt & Bitumen West Co.

Property	Min	Max	Test Method
<b>Test on Emulsions</b>			
Viscosity, Saybolt Furol at 25 °C, SFC	-	-	ASTM D244
Viscosity, Saybolt Furol at 50 °C, SFC	50	450	ASTM D244
Storage stability test, 24 -h, %	-	1	ASTM D6930
Demulsibility, 35 mL, 0.8 % diostyl sodium sulfosuccinate, %	-	-	ASTM D6936
<b>Coating ability and water resistance:</b>			
Coating, dry aggregate	Good	-	ASTMD244
Coating, after spraying	Fair	-	ASTMD244
Coating, wet aggregate	Fair	-	ASTMD244
Coating, after spraying	Fair	-	ASTMD244
Particle charge test	positive		ASTMD244
Sieve test, %	-	0.1	ASTMD6933
Cement mixing test, %	-	-	ASTMD6935
<b>Distillation:</b>			
Oil distillate, by volume of emulsion, %	-	12	ASTM D6997
Residue, %	65	-	ASTM D244
<b>Tests on residue from distillation test:</b>			
Penetration, 25 °C (77 °F), 100g, 5s	100	250	ASTM D5
Dustility, 25 °C (77 °F), 5cm/min, cm	40	-	ASTM D113
Solubility in trichloroethylene, %	97.5	-	ASTM D2042

**Type: Rapid-Setting**

**Grade: CMS-2**

**Standard: ASTM D 2397**

## Bitumen Emulsion CMS-2

Cationic Medium Set, Contain %65 Bitumen Cement

**Application:**

- Asphalt Sealer
- Immediate Maintenance
- Stockpile Maintenance Mixes





**Type: Medium-Curing**

**Grade: CSS-1**

**Standard: ASTM D 2397**

## Bitumen Emulsion CSS-1

Cationic Slow Set, Contain %57 Bitumen Cement

### Application:

- Tack Coat
- Prime Coat
- Fog Seal
- Cold Mix Asphalt
- Asphalt Sealer
- Slurry & Micro Surfacing
- Cold Resycling
- Mulching
- Dust Palliative

Property	Min	Max	Test Method
<b>Test on Emulsions</b>			
Viscosity, Saybolt Furol at 25 °C, SFC	20	100	ASTM D244
Viscosity, Saybolt Furol at 50 °C, SFC			ASTM D244
Storage stability test, 24 -h, %	-	1	ASTM D6930
Demulsibility, 35 mL, 0.8 % diostyl sodium sulfosuccinate, %	-	-	ASTM D6936
<b>Coating ability and water resistance:</b>			
Coating, dry aggregate			ASTM D244
Coating, after spraying			ASTM D244
Coating, wet aggregate			ASTM D244
Coating, after spraying			ASTM D244
Particle charge test	positive		ASTM D244
Sieve test, %	-	0.1	ASTM D6933
Cement mixing test, %		2.0	ASTM D6935
<b>Distillation:</b>			
Oil distillate, by volume of emulsion, %			ASTM D6997
Residue, %	57	-	ASTM D244
<b>Tests on residue from distillation test:</b>			
Penetration, 25 °C (77 °F), 100g, 5s	100	250	ASTM D5
Dustility, 25 °C (77 °F), 5cm/min, cm	40	-	ASTM D113
Solubility in trichloroethylene, %	97.5	-	ASTM D2042

# Asphalt & Bitumen West Co.

Property	Min	Max	Test Method
Test on Emulsions			
Viscosity, Saybolt Furol at 50 °C, SFS	-	70	ASTM D 244
Storage stability test, -24h, %	-	1	ASTM D 6930
Particle charge test	positive		ASTM D 244
Sieve test, %	-	0.1	ASTM D 6933
Distillation:			
Oil distillate, by volume of emulsion, %	-	3	ASTM D 6997
Residue, %	40	-	ASTM D 244
Tests on residue from distillation test:			
Penetration, °25C (°77F), 100 g, 5 s	60	300	ASTM D 5
Ductility, °25C (°77F), 5 cm/min, cm	20	-	ASTM D 113
Solubility in trichloroethylene, %	97.5	-	ASTM D 2042

**Cationic Emulsified Asphalt**

**Type: Rapid-Setting**

**Grade: k1-40**



## Cationic Emulsified Asphalt

Type: Rapid-Setting

Grade: k1-60

Property	Min	Max	Test Method
<b>Test on Emulsions</b>			
Viscosity, Saybolt Furol at 25 °C, SFS	-	-	ASTM D 244
Viscosity, Saybolt Furol at 50 °C, SFS	-	100	ASTM D 244
Storage stability test, -24h, %	-	1	ASTM D 6930
Particle charge test	positive		ASTM D 244
Sieve test, %	-	0.1	ASTM D 6933
Cement mixing test, %	-	-	ASTM D 6935
<b>Distillation:</b>			
Oil distillate, by volume of emulsion, %	-	-	ASTM D 6997
Residue, %	60	-	ASTM D 244
<b>Tests on residue from distillation test:</b>			
Penetration, °25C (°77F), 100 g, 5 s	60	300	ASTM D 5
Ductility, °25C (°77F), 5 cm/min, cm	20	-	ASTM D 113
Solubility in trichloroethylene, %	97.5	-	ASTM D 2042

# Asphalt & Bitumen West Co.

Property	Min	Max	Test Method
Test on Emulsions			
Viscosity, Saybolt Furol at 50 °C, SFS	15	1	ASTM D 244
Storage stability test, -24h, %	-	1	ASTM D 6930
Particle charge test	positive		ASTM D 244
Sieve test, %	-	0.1	ASTM D 6933
Distillation:			
Oil distillate, by volume of emulsion, %	-	3	ASTM D 6997
Residue, %	67	-	ASTM D 244
Tests on residue from distillation test:			
Penetration, °25C (°77F), 100 g, 5 s	60	250	ASTM D 5
Ductility, °25C (°77F), 5 cm/min, cm	20	-	ASTM D 113
Solubility in trichloroethylene, %	97.5	-	ASTM D 2042

**Cationic Bitumen (Asphalt) Emulsion**

**Type: Rapid-Setting**

**Grade: k1-70**



**CERTIFICATE**



**Nobel Certification**

Hereby Certify That  
**Asphalt & Bitumen West Co.**  
 (Mokandeh Ghir Va Asphalt Gharb)

Located at  
 Office: 2<sup>nd</sup> Floor, No. 97, Dava Blvd., Sadeh Abad, Tehran, Iran  
 Factory: Bitumen Industrial Area, Kermanshah Va Hamadan Highway, Kermanshah, Iran

Has been Audited & Found to be in Accordance with the Requirements of  
**Quality Management System**

In Accordance with Following Standard  
**ISO 9001:2008**

For The Scope of Registration  
 Manufacturing of All Kind Cut Back Bitumen & Bitumen Emulsion, Road Construction & Road Maintenance




EA Code: 01.39  
 NACE Code: 41.23.99 (F02.12)



Managing Director

Certificate No.: 08-15000-2012-00200 ANCR 414754  
 Original Approval Date: 30 May 2012  
 Valid Until: 29 May 2015  
 Issue No.: 01

Although Certificate is Granted with 3 Years Validity, This is Subject to Annual Surveillance Audits to Ensure Compliance with the Certification Standard.  
 Validity of This Certificate will be Continued, Against the Current Listing of Certificate Holders on www.nobelcert.com & also www.iso.com as Well Search Engine of 'Accreditation Service for Certifying Bodies' (ASCB) or ASCB (SI). The Organization approved & Authorized Nobel Certification in Accordance with ISO/IEC 17021 for Certification Activities.

**CERTIFICATE**



**Nobel Certification**

Hereby Certify That  
**Asphalt & Bitumen West Co.**  
 (Mokandeh Ghir Va Asphalt Gharb)

Located at  
 Office: 2<sup>nd</sup> Floor, No. 97, Dava Blvd., Sadeh Abad, Tehran, Iran  
 Factory: Bitumen Industrial Area, Kermanshah Va Hamadan Highway, Kermanshah, Iran

Has been Audited & Found to be in Accordance with the Requirements of  
**Environmental Management System**

In Accordance with Following Standard  
**ISO 14001:2004**

For The Scope of Registration  
 Manufacturing of All Kind Cut Back Bitumen & Bitumen Emulsion, Road Construction & Road Maintenance





EA Code: 01.39  
 NACE Code: C23.99 (F02.11)



Managing Director

Certificate No.: 08-15000-2012-00200 ANCR 414755  
 Original Approval Date: 30 May 2012  
 Valid Until: 29 May 2015  
 Issue No.: 01

Although Certificate is Granted with 3 Years Validity, This is Subject to Annual Surveillance Audits to Ensure Compliance with the Certification Standard.  
 Validity of This Certificate will be Continued, Against the Current Listing of Certificate Holders on www.nobelcert.com & also www.iso.com as Well Search Engine of 'Accreditation Service for Certifying Bodies' (ASCB) or ASCB (SI). The Organization approved & Authorized Nobel Certification in Accordance with ISO/IEC 17021 for Certification Activities.



مجلسی در امور بازرگانی

مجلسی در امور بازرگانی

مجلسی در امور بازرگانی

برای ارائه کارکرد خلاصه استاندارد اجباری

برای این قانون اصول فنی و مقررات سازمان ملی استاندارد ایران  
 مصوب گردیده و به منظور اطمینان از کیفیت تولیدات و خدمات  
 به موجب این قرارداد اجباری می شود. شرکت مذکور آمادگی  
 دارد تا فواید فنی و مقررات مربوطه را در کارگاه تولیدات  
 استاندارد ایران برای بررسی و نظارت فوری در محل کارگاه تولیدات  
 انجام دهد. این قرارداد اجباری است و در صورت عدم  
 رعایت آن، عواقب قانونی خواهد داشت.

تاریخ: ۳۰ اردیبهشت ۱۳۹۲

مجلسی در امور بازرگانی

مجلسی در امور بازرگانی

مجلسی در امور بازرگانی



**QMS ITALIA S.r.l.**

QMS ITALIA S.r.l., exclusive partner of QMS CERT LAD,  
 Certification Body that provide independent certification  
 assessments and inspections, certify that the company:

**Asphalt & Bitumen West Company**  
 (Ghir Va Asphalt Gharb)

addressed at

2th Floor, No. 97, Dava Blvd., Sadeh Abad, Tehran, Iran  
 Factory address:  
 Bitumen Industrial Area, 12<sup>th</sup> Km Kermanshah - Hamadan  
 Highway, Kermanshah, Iran

has established a technical documentation for the  
 mentioned product according to the EN  
 15322:2009 Annex ZA  
 for the following scope:  
 Production of Cut Back Bitumen  
 Pnd B1, Pnd B3, Pnd B4, Pnd B5, Pnd B6, Pnd B7, Pnd B8, Pnd B9, Pnd B4,  
 Pnd B5, Pnd B2, Pnd B3, Pnd B4

This certificate does not imply assessment of series  
 production of the product and does not permit the use of  
 the QMS ITALIA S.r.l. mark of MS conforming.



**QMS  
ITALIA**

PARTNER OF



Issuing Date:  
30-04-2012

Expiring Date:  
29-04-2015

Certificate Number:  
01-15-EN-15322-2009/08

On behalf of QMS ITALIA  
Certification Manager



QMS ITALIA S.r.l. - Via B. Carlini, 39 - 00125 - Naples Italy

Asphalt & Bitumen West Co.



گواهینامه تایید صلاحیت آزمایشگاه  
Laboratory Accreditation Certificate



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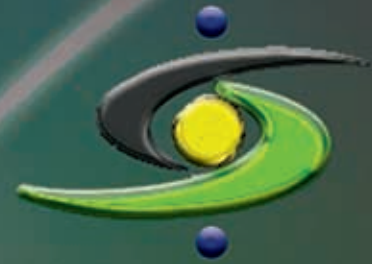
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**Asphalt & Bitumen West Co.**

**Bitumen Emulsion Environmentally Friendly Product**