

Southern African Bitumen Association

Industry Events 2014 / 2015



excellence in bituminous products

Argus Africa



Topics for discussion include:

- Africa's bitumen supply chain
- North, south, east and west Africa focus sessions
- Bitumen pricing
- Impact of shale oil on bitumen production
- Security and piracy
- Logistical challenges in Africa's bitumen market
- Regional bitumen standardisation
- Polymer-modified bitumen and its role in the African market

World of Emulsions



6th World of Emulsions

The first Pavement Preservation &-Recycling (World) Summit.
PARIS(Palais des Congres) February 22 - 25, 2015.

6th World of Emulsions.

Asphalt Emulsion Manufacturers Association 42nd Annual Meeting.
Asphalt Recycling & Reclaiming Association 39th Annual Meeting.
International Slurry Surfacing Association 53'd Annual Meeting.
2nd International Conference on Pavement Preservation.

PG Specification and Mix Design

Both of these will introduce significant change to the industry

Draft documents should be available early 2014 for input /comment

Plan to hold workshops during 2014

Johannesburg Durban and Cape Town

Also SAT seminars on these subjects.

Performance Grade	PG 40				PG 50				PG 60				PG 64							
	34	40	46	53	39	45	51	58	44	50	56	62	50	56	62	68				
Minimum Rolling Range Temperature, °C	< 40				< 52				< 64				< 64							
Minimum Rolling Range Temperature, °F	34				40				46				52							
ORIGINAL BINDER																				
Soft Point Temp., T ₅₀ Minimum (°C)	200																			
Penetration, 100 g/10 s (0.1 mm)	136																			
Minimum Viscosity, Pa·s (cP)	40				52				64				64							
Dynamic Shear Modulus, MPa	40				52				64				64							
Dynamic Shear Modulus, kPa	40				52				64				64							
Dynamic Shear Modulus, Pa	40				52				64				64							
ROLLING THIN FILM OVER RESIDUE (RTFO)																				
Mass Loss, Maximum, percent	1.00																			
Dynamic Shear Modulus, MPa	40				52				64				64							
Dynamic Shear Modulus, kPa	40				52				64				64							
Dynamic Shear Modulus, Pa	40				52				64				64							
PRESSURE AGING VESSEL RESIDUE (PAV)																				
Rolling Temperature, °C	10				15				20				25							
Rolling Temperature, °F	50				59				68				77							
Dynamic Shear Modulus, MPa	10	7	4	25	19	15	13	10	7	25	22	19	16	13	31	28	25	22	19	16
Dynamic Shear Modulus, kPa	10	7	4	25	19	15	13	10	7	25	22	19	16	13	31	28	25	22	19	16
Dynamic Shear Modulus, Pa	10	7	4	25	19	15	13	10	7	25	22	19	16	13	31	28	25	22	19	16
Rolling Temperature, °C	10																			
Rolling Temperature, °F	50																			
Dynamic Shear Modulus, MPa	24	30	35	0	8	12	18	24	30	36	4	12	18	24	30	0	8	12	18	24
Dynamic Shear Modulus, kPa	24	30	35	0	8	12	18	24	30	36	4	12	18	24	30	0	8	12	18	24
Dynamic Shear Modulus, Pa	24	30	35	0	8	12	18	24	30	36	4	12	18	24	30	0	8	12	18	24

CAPSA



CAPSA '15

**11TH CONFERENCE ON
ASPHALT PAVEMENTS
FOR SOUTHERN AFRICA**

Innovation for quality and value

August / September 2015

Cocktails kindly sponsored by
Total South Africa

