

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 <p>Accredited to ISO/IEC 17025:2005</p>	The Paint Research Association	
	Issue No: 026 Issue date: 22 March 2010	
	14 Castle Mews High Street Hampton Middlesex TW12 2NP	Contact: Mr P Collins Tel: +44 (0)20 8487 0800 Fax: +44 (0)20 8487 0801 E-Mail: p.collins@pra-world.com Website: www.pra-world.com
Testing performed by the Organisation at the locations specified below		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
Address 14 Castle Mews High Street Hampton Middlesex TW12 2NP	Local contact Contact: Mr P Collins Tel: +44 (0)20 8487 0800 Fax: +44 (0)20 8487 0801 Email: p.collins@pra-world.com Website: www.pra-world.com	Chemical Products Environmental Samples A

Site activities performed away from the locations listed above:

Location details	Activity	Location code
Any premises	Environmental Samples	B



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
PAINTS, VARNISHES and SIMILAR MATERIALS	<u>Physical Tests</u>		
	Flow time of paints using flow cups	BS 3900:Part A6:1971 (withdrawn) BS EN ISO 2431:1996	A
	Deutsche Normen: Din 4 flow cup	DIN 53211:1987	A
	Viscosity by ford viscosity cup	ASTM D1200-94 (1999)	A
	Viscosity by dip-type viscosity cups	ASTM D4212-99	A
	Viscosity at a high rate of shear	BS 3900:Part A7.1:2000 ISO 2884-1:1999	A
	Volume of Dry coating	BS 3900:Part A10:1998 ISO 3233:1998	A
	Density by pyknometer method	BS 3900:Part A19:1998 ISO 2811-1:1997	A
	Spreading rate	BS 3900:Part A16:1986(1996) ISO 7254:1984	A
	Coating of test panels at specified spreading rate	BS 3900:Part A17:1986(1996) ISO 7877:1984	A
	Non volatile matter	BS 3900:Part B18:1994 BS EN ISO 3251:1995 ISO 3251:1993	A
	Wet edge time	BS 3900:Part C1:1965(1992)	A
	Surface drying time	BS 3900:Part C2:1994 ISO 1517:1973	A
Flashpoint 0°C to 100°C	BS EN 456 (1991) ISO 3679:1983	A	
Determination of through-dry state and through-dry time	BS 3900:Part C3:1990 (withdrawn) BS EN 29117:1992 ISO 9117:1990	A	



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PAINTS, VARNISHES and SIMILAR MATERIALS (cont'd)	<u>Physical Tests</u> (cont'd)		
	Film thickness	BS 3900:Part C5:2007 ISO 2808:1997	A
	Fineness of grind	BS 3900:Part C6:2000 EN 21524:1991 ISO 1524:2000	A
	Visual comparison of colour	BS 3900:Part D1:1998 ISO 3668:1998	A
	Contrast ratio hiding power	BS 3900:Part D4:1974(1989) ISO 2814:1973	A
	Specular gloss of non metallic paint film at 20° and 60°	BS 3900:Part D5:1997 BS EN ISO 2813:2000	A
	Contrast ratio (opacity)	BS 3900:Part D11:2007 ISO 6504-3:2007	A
	Determination of Hiding power	BS 3900:Part D7:1983 ISO 6504/1:2006	A
	Determination of colour and colour difference	BS 3900:Part D9:1986(1991) ISO 7724/2:1984	A
	Bend test (cylindrical mandrel)	BS 3900:Part E1:1995 BS EN ISO 1519:1995	A
	Bend test (conical mandrel)	BS 3900:Part E11:1985(1991) ISO 6860:1984	A
	Mandrel bend test of attached organic coatings	ASTM D522-93a	A
	Scratch	BS 3900:Part E2:1992(1998) ISO 1518:1992	A
	Cupping test	BS 3900:Part E4:2001 BS EN ISO 1520:2001	A
Pendulum damping test	BS 3900:Part E5:1998 ISO 1522:2006	A	



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PAINTS, VARNISHES and SIMILAR MATERIALS (cont'd)	<u>Physical Tests</u> (cont'd)		
	Cross cut test	BS 3900:Part E6:2007 BS EN ISO 2409:2007	A
	Falling ball test	BS 3900:Part E7:1974(1992)	A
	Buchholz indentation test	BS 3900:Part E9:1976(1991) BS EN ISO 2815:1998	A
	Pull off Test	BS EN 4624 :2003 ISO 4624:2003	A
	Falling weight - Impact resistance	BS 3900:Part E13:1993 BS EN ISO 6272:2004 BS 3900:Part E3:1973 (obsolete)	A
	Resistance to humidity	BS 3900:Part F2:1973(1989)	A
	Natural Weathering test	ISO 2810:2004	A
	Resistance to humid atmospheres containing sulphur dioxide	BS 3900:Part F8:1993 (withdrawn) BS EN ISO 3231:1998 ISO 3231:1993	A
	Resistance to humidity (continuous condensation)	BS 3900:Part F9:2001 BS EN ISO 6270-1:2001	A
	Resistance to neutral salt spray	BS 3900:Part F12:1997 ISO 7253:2001 ISO 9227:2006	A
	Salt spray (fog) testing	ASTM B117-02	A
	Determination of resistance to liquids	ISO 2812-1 :2007 ISO 2812-2:2007 ISO 2812-3:2007 ISO 2812-4:2007	A
	Designation for the degree of blistering	BS 3900:Part H2:1983(1989) ISO 4628/2:1982	A
Designation of the degree of rusting	BS 3900:Part H3:1983(1989) ISO 4628/3:1982	A	



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PAINTS, VARNISHES and SIMILAR MATERIALS (cont'd)	<u>Physical Tests</u> (cont'd)		
	Designation of the degree of cracking	BS 3900:Part H4:1983(1989) ISO 4628/4:1982	A
	Designation of the degree of flaking	BS 3900:Part H5:2003 ISO 4628/5:2003	A
	Standard practice for operating light and water exposure apparatus (fluorescent UV - Condensation type) for exposure of non metallic material	ASTM D4587-01 ASTM G154-00 BS 3900:Part F16:2007 BS EN ISO 11507:2007	A
	Abrasion resistance of organic coatings by the Taber abraser	ASTM D4060-01 BS 3900:Part E14:1997 ISO 7784-1:1997 BS 3900:Part E15:1997 ISO 7784-2:1997	A
	Viscosity using Rotary Viscometers	ISO 2884-2:2003	A
	Scrub Test	ASTM D2486-00 BS EN ISO 11998:2006	A
	Resistance to chipping	BS AU 148:Part 15:1969(1990)	A
	Salt Mist, Cyclic	BS EN 60068-2-52:1996 IEC 68-2-52:1996	A
	Density by pressure cup	BS 3900:A22:1998 BS EN ISO 2811-4:2001	A
	Determination of mar resistance using a curved stylus	BS 3900:Part E17:1997 ISO 12137-1:1997	A
	Resistance of organic coatings to the effects of rapid deformation (impact)	ASTM D2794-93(1999)	A
Cyclic prohesion/UV	BS 3900:Part F19:2000 ISO 11997-2:2000 ASTM D5894-05	A	



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PAINTS, VARNISHES and SIMILAR MATERIALS (cont'd)	<u>Physical Tests</u> (cont'd)		
	Prohesion	ASTM G85-98, Annex A5	A
	Water borne emulsion paints for interior use	BS 7719:1994, excluding Clause 8.9	A
	Coating material and coating systems for wood, Part 1	BS EN 927-1:1997	A
	Coating material and coating systems for wood, Part 2	DD ENV 927-2:2000, excluding Clauses 5 and 6.2	A
	Coating material and coating systems for wood, Part 3	BS EN 927-3:2000	A
	Coating material and coating systems for wood, Part 4	BS EN 927-4:2000	A
	Coating material and coating systems for wood, Part 5	BS EN 927-5:2000	A
	Degree of chalking by tape method	BS EN ISO 4628-6:2001 BS 3900-H6:1991	A
	Specification for undercoat and finishing paints	BS 7664:2000, excluding Clause 6.3	A
	Determination of kinematic viscosity and calculation of dynamic viscosity	ISO 3104:1994	A
Glass capillary kinematic viscometers - specifications and operating instructions	ISO 3105:1994	A	
Artificial weathering and exposure to artificial radiation Exposure to filtered xenon-arc radiation	BS EN ISO 11341:1998	A	
Filter papers and filter assemblies from stack sampling probes	Weighing of Particulate Matter	BS 6069:1992 (superseded) (PT02)	A



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Testing of Stack Emissions to Atmosphere	<u>Sampling and On-Line Analysis</u>	National, International and other recognised standards using documented In-House work instructions to meet the requirements of DD CEN/TS 15675:2007/ BS EN 15259:2007	
	Total Gaseous Organic* Carbon (TOC/VOC) (20 to 500 mg/m ³)	BS EN 13526:2002 (VOV01 - FID Analyser)	B
	<u>Sampling with subsequent analysis by an ISO/IEC 17025 Accredited Laboratory</u>		
	Total Particulate Matter (0 to 50 mg/m ³)	BS 6069 Section 4.3:1992 (superseded) (PT02)	B
END			