

# VOLUME 3 - INDEX

## PAINT

### REVISION SUMMARY

Date	Clause Number	Description of Revision	Authorised By Gen Mgr Pavements
June 1999		Reformatted and Revision Summary Added	D.Dash
July 1999		Test Method T 1172 Generally Revised	D.Dash
June 2001		<p style="text-align: center;">ALL Methods Reformatted and Revision Summary Added</p> <p>Test Methods            T801,802,804,805,806,808,810,811,812            814,815,820,821,832,833,834,835,836,845,847,            850,861,864,867. Withdrawn – Note Added</p>	D.Dash
January 2004		Test Method T 877 New Issue	G. Hall
July 2004	Vol 3 Index	T809/835/836/845/847/850/861/906/907/908/909/910/911/912/913/914/1180 Revision Date Added	G. Hall
July 2004	T1005	Revision Date Altered	G. Hall
Feb 2005	T1032	Chemical Analysis of Cements and Blends Using Xray Fluorescence	G. Donald
Feb 2005	T1033	Preparation of Borate Glass Specimens for Xray Fluorescence Analysis of Cements and Blends.	G. Donald
Feb 2005	T1507	Determination of Compressive Stiffness of Strip Filters	G. Donald
Feb 2005	T1508	Determination of the Low Temperature Resistance of Strip Filters During Straightening	G. Donald
Feb 2005	T1509	Determination of the High Temperature Impact Resistance of Strip Filters	G. Donald
Feb 2005	T1510	Determination of the Low Temperature Impact Resistance of Strip Filters	G. Donald
Nov 2007	T1034	New Method-Chemical Analysis of Sodium in Cements and Cementitious materials (by Flame Photometry)	K.Porter
Apr 2008	T1015	Determination of thermotolerant coliforms for using reclaimed water for road works	D. Hazel
Sept 2008	T1015	Generally Revised. New Title	D. Hazel
Nov 2008	T1004	Alternative methods introduced. Revised Format.	D. Hazel
Nov 2008	T1014	Alternative methods introduced. Revised Format. Title Revised.	D. Hazel

<b>Apr 2009</b>	<b>T 1032</b>	<b>Revision by David Svolos – generally revised to simplify. Sections 5 and 6 combined, Section 7 results modified to provide reporting accuracy, Appendix A containing method validation</b>	<b>J Friedrich</b>
<b>Apr 2009</b>	<b>T 1033</b>	<b>Revision by David Svolos. Method generally revised. Section 3,4&amp;5 modified to include new sample preparation apparatus. Appendix A removed</b>	<b>J Friedrich</b>
<b>Apr 2009</b>	<b>T 1034</b>	<b>Revision by David Svolos. Method generally revised. Section 4 modified to allow for changes introduced by revised T1033</b>	<b>J Friedrich</b>
<b>November 2012</b>	<b>All</b>	<b>All revised and reformatted to new RMS template</b>	<b>J Friedrich</b>
<b>June 2014</b>	<b>T1404</b>	<b>New revision Ed2/Rev1. New Supplier of lamp</b>	<b>J Friedrich</b>
<b>June 2014</b>	<b>T1002</b>	<b>New revision Ed2/Rev1. 5(a) 200mm changed to 20mm</b>	<b>J Friedrich</b>

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Test Method Number	Test Method	Date of Issue or Revision
T801	Consistency by Rotational Viscometer	Withdrawn-June 2001
T802	Visual Colour Comparison of Paints	Withdrawn-Oct 2001
T803	Finish of White Paint for Guide Posts	November 2012
T804	Visual Assessment of Gloss Paints	Withdrawn-June 2001
T805	Non-volatile Content of Paint	Withdrawn-June 2001
T806	Density of Paints	Withdrawn-June 2001
T807	Fineness of Paint (Sieve Test)	November 2012
T808	Consistency of Paint by Flow Cup	Withdrawn-June 2001
T809	Wet Hiding Power of Paint by Black and White Cryptometer	Withdrawn-June 2001
T810	Flexibility and Adhesion (Bend Test) of Paint Film	Withdrawn-June 2001
T811	Preliminary Examination of Paint in Container on Delivery	Withdrawn-June 2001
T812	Degree of Settling of Paint	Withdrawn-June 2001
T814	Paint Testing - Wet Film Thickness by Wheel Gauge	Withdrawn-June 2001
T815	Soluble Lead Content of Paints (Gravimetric Method)	Withdrawn-June 2001
T817	Determination of Low Concentrations of Lead in Paint	November 2012
T820	Thinning or Mixing Properties of Thinners with Paints	Withdrawn-June 2001
T821	No Pick-up-Time of Road Marking Paints	Withdrawn-June 2001
T822	Field Testing of Road Marking Paint	November 2012
T823	Measurement of Dry Film Thickness of Paint	November 2012
T831	Compatibility of Paint with Linseed Oil and Suitability as a Priming Coat	November 2012
T832	Skin Formation of Paint	Withdrawn-June 2001
T833	Application Properties of Paint by Brushing or Spraying Conventional and Airless	Withdrawn-June 2001
T834	Drying Time of Paint	Withdrawn-June 2001
T835	Resistance to Water of a Paint Coating at Room Temperature	Withdrawn-June 2001
T836	Persoz Hardness of Resin Films	Withdrawn-June 2001
T837	Waterproofing Properties of Coating Materials	November 2012
T838	Adhesive Strength of Resin	November 2012
T839	Unreacted Components in Set Resin	November 2012
T840	Long Term Storage Properties of Paint Vehicle	November 2012
T841	Field Measurement of Wet Film Thickness of Road Marking Paint	November 2012

<b>Test Method Number</b>	<b>Test Method</b>	<b>Date of Issue or Revision</b>
T845	Acid Value of Vehicle for Micaceous Iron Oxide Paint	Withdrawn-June 2001
T847	Phthalic Anhydride Content of Alkyd Resins	Withdrawn-June 2001
T850	Hard Dry Condition (Mechanical Thumb Test)	Withdrawn-June 2001
T852	Degree of Settling of Paint	November 2012
T854	Glass Bead Content of Thermoplastic Road Marking Material	November 2012
T855	Gradation of Pigment Extracted from Thermoplastic Road Marking Material	November 2012
T856	Determination of the Pigment to Binder Ratio of Thermoplastic Road Marking Material	Withdrawn-June 2001
T861	Pigment Content in Paint	Withdrawn-June 2001
T862	Stability of Wax Emulsion Curing Compound	November 2012
T863	Freedom from Coarse Particles	November 2012
T864	Water Retention Efficiency of Liquid Membrane Forming Compounds for Curing Concrete	Withdrawn-June 2001
T865	Non-Volatile Content of Concrete Admixtures and Curing Compounds	November 2012
T866	Residue on Ignition of Wax Emulsion Curing Compounds	November 2012
T867	Field Evaluation of Road Marking Paint by Durability Index	Withdrawn-June 2001
T868	Non Volatile Content of Paint from Aerosol Cans	November 2012
T869	Spreading Rate of Paint from Aerosol Can	November 2012
T870	Resistance to Taber Abraser	November 2012
T871	Resistance to Grit Abrasion	November 2012
T872	Water Borne Road Marking Paint Early Water Sensitivity	November 2012
T876	Water Borne Road Marking Paint Initial Drying Test at High Humidity	November 2012
T877	Wet Night retroreflectivity of Road Markings under simulated Wet Conditions	November 2012

**STEEL**

<b>Test Method Number</b>	<b>Test Method</b>	<b>Date of Issue or Revision</b>
T901	Tensile Properties of Steel Bar and Wire (Tensile Strength)	November 2012
T902	Tensile Properties of Steel Reinforcing Bar (Elongation after Rupture)	November 2012
T903	Tensile Properties of High Tensile Steel Wire and Strand for Tendons in Prestressed Concrete (Tensile Strength)	November 2012
T904	Tensile Properties of High Tensile Steel Wire and Strand for Tendons in Prestressed Concrete (Elongation at Rupture)	November 2012
T905	Tensile Properties of High Tensile Steel Wire and Strand for Tendons in Prestressed Concrete (Force/Elongation Curve)	November 2012
T906	Cold Bend Test on Steel Reinforcing Bars for Concrete	Withdrawn-June 2001
T907	Tensile Properties of Steel Reinforcing Bars (Proof Stress)	Withdrawn-June 2001
T908	Diamond Pyramid Hardness Testing of Metals	Withdrawn-June 2001
T909	Weld Shear Test on Hard-Drawn Steel Wire Fabric	Withdrawn-June 2001
T910	Proof Loading of Grader Scarifier Tyne Shoes	Withdrawn-June 2001
T911	Tensile Strength (Wedge) Testing of High Tensile Bolts	Withdrawn-June 2001
T912	Proof Load of Full Size High Tensile Bolts	Withdrawn-June 2001
T913	Proof Load of High Tensile Nuts	Withdrawn-June 2001
T914	Cold Bend Test of Hard Drawn Wire and Steel Wire for Tendons in Prestressed Concrete	Withdrawn-June 2001
T915	Preparation of Metal Samples for Microscope Examination at Low Magnification (Macro-Examination )	November 2012
T916	Preparation of Metal Samples for Microscope Examination at High Magnification (Micro-Examination)	November 2012
T917	Vertical Proof Load Testing of Confined Elastomeric (Post Type) Bearings	November 2012
T918	Lateral Overload Testing of Guide Restraints on Pot Type Bearings	November 2012
T920	Test for Rotation of Pot Type Bearings	November 2012

## CHEMICAL TESTING

Test Method Number	Test Method	Date of Issue or Revision
T1001	Total Hardness of Water	November 2012
T1002	Determination of the pH Value of Water using a pH Meter	June 2014
T1003	Total Solids in Water	November 2012
T1004	Quantitative Determination of Chloride Ion in Water	November 2012
T1005	Recording the Infrared Spectrum of Materials	November 2012
T1006	Qualitative Determination of Chromate Ion in Water Where Chromate Content is More Than 10 p.p.m.	November 2012
T1007	"M" Alkalinity of Water	November 2012
T1008	Qualitative Determination of the Presence of Phosphates in Water	November 2012
T1009	Quantitative Determination of Calcium Hardness of Water	November 2012
T1010	Quantitative Determination of Chlorides in Soil	November 2012
T1011	Quantitative Determination of Sulphates in Soil	November 2012
T1012	Zinc Coating on Galvanised Wire	November 2012
T1013	Average Thickness of Cadmium Coatings on Small Parts	November 2012
T1014	Quantitative Determination of Sulfate Ion in Water	November 2012
T1015	Microbiology of Water used in Roadworks (Thermotolerant Coliforms)	November 2012
T1016	Quality and Uniformity of Zinc Coating	November 2012
T1017	Determination of Metallic Zinc	November 2012
T1018	Detection of Fly Ash in Freshly Mixed Concrete	November 2012
T1019	Determination of Salt Deposits on Steel Structures	November 2012
T1020	Colorimetric Determination of Chromate Ion in Water Where Chromate Content is 0-2 p.p.m.	November 2012
T1021	Soluble Phosphorous Content of Soils	November 2012
T1022	Determination of the Organic Matter in Soils (Peroxide Method)	November 2012
T1023	Determination of the Organic Matter in Soils (Dichromate Method)	November 2012
T1024	Conductivity of Water	November 2012
T1025	Determination of the Total Amine Value By Referee Potentiometric Method	November 2012
T1026	Determination of the Degree of Oxidation of Coal (Field Method)	November 2012
T1029	Determination of Chloride Content in Powdered Concrete	November 2012

T1030	Determination of Total Actual Acidity of Acid Sulphate Soils	November 2012
T1031	Determination of Total Potential Acidity of Acid Sulphate Soils	November 2012
T1032	Chemical Analysis of Cements and Blends Using Xray Fluorescence	November 2012
T1033	Preparation of Borate Glass Specimens for Xray Fluorescence Analysis of Cements and Blends.	November 2012
T1034	Chemical Analysis of Sodium in Cementitious Materials ( by Flame Photometry)	November 2012

## RUBBER BEARINGS

Test Method Number	Test Method	Date of Issue or Revision
T1102	Presence of Chlorinated Compounds	November 2012
T1103	Indentation Hardness of Rubber and Plastic by Means of a Durometer	November 2012
T1104	Compression Force/Deflection Characteristics of Elastomeric Bridge Bearings	November 2012
T1105	Shear Force/Deflection Relationships for Elastomeric Bridge Bearings	November 2012
T1107	Compression Stiffness of Small Elastomeric Bearings and Strip	November 2012
T1108	Shear Stiffness of Small Elastomeric Bearings and Strip	November 2012
T1109	Compression Stiffness of Large Elastomeric Bearings	November 2012
T1110	Shear stiffness of Large Elastomeric Bearings	November 2012

## JOINT FILLERS AND SEALS

### (a) Preformed Joint Filler

T1150	Compression and Recovery of Preformed Joint Filler	November 2012
T1151	Extrusion of Preformed Joint Filler	November 2012
T1152	Boiling Test for Preformed Self Expanding Joint Filler	November 2012
T1153	Boiling Hydrochloric Acid Test for Preformed Cork Joint Filler	November 2012
T1154	Resistance to Heat Degradation of Closed Cell Foam Joint Filler	November 2012
T1155	Accelerated Weathering test for Preformed Joint Filler	November 2012

### (b) Elastomeric Joint Seals

T1160	Low Temperature Recovery of Preformed Polychloroprene Elastomeric Joint Seals for Bridge Structures	November 2012
T1161	High Temperature Recovery of Polychloroprene Elastomeric Joint Seals for Bridge Structures	November 2012
T1163	Resistance of Vulcanised Rubber to the Absorption of Oil	November 2012

### (c) Joint Sealing Compounds

T1170	Preparation of Hot Poured Joint Sealing Compound for Test	November 2012
T1171	Flow Properties Hot Poured Joint Sealant	November 2012
T1172	Tensile Bond Strength Test for Hot Poured Joint Sealant	November 2012
T1173	Head Degradation Test on Hot Poured Joint Sealing Compound	November 2012
T1174	Fuel Immersion Test for Fuel-Resistant Hot Poured Joint Sealing Compounds	November 2012
T1175	Application Life of Cold Applied Joint Sealing Compound	November 2012
T1176	Flow Properties of Cold Applied Joint Sealing Compound	November 2012
T1177	Hardness of Cold Applied Joint Sealing Compound	November 2012
T1178	Adhesive Strength in Tension of Cold Applied Joint Sealing Compound	November 2012
T1179	Penetration into Joint Sealant	November 2012
T1180	Resilience Test for Hot Poured Elastomeric Joint Sealants	Withdrawn-June 2001



<b>Test Method Number</b>	<b>Test Method</b>	<b>Date of Issue or Revision</b>
T1181	Extension Test for Hot Poured Joint Sealant	November 2012

#### **(d) Sealants for Inductive Loops**

T1192	Adhesion of Sealant	November 2012
T1193	Accelerated Ageing of Cured Sealant	November 2012
T1194	Loop Sealant Encapsulation Test	November 2012
T1195	Tack Free Time of Sealant	November 2012

## **GLASS BEADS AND PAVEMENT MARKERS**

#### **(a) Glass Beads**

T1201	Colour Properties of Spherical Glass Beads	November 2012
T1202	Gradation of Spherical Glass Beads	November 2012
T1203	Refractive Index (R.I.) of Glass Beads	November 2012
T1205	Flow Properties of Spherical Glass Beads	November 2012
T1206	Cleanliness of Spherical Glass Beads	November 2012
T1207	Roundness (Shape) of Glass Beads	November 2012
T1208	Measurement of Rate of Application of Spherical Glass Beads	November 2012

#### **(b) Pavement Markers**

T1210	Adhesive Bond Strength of Pavement Markers	November 2012
T1213	Determination of the Luminance of a Surface	November 2012
T1215	Compressive Strength of Raised Pavement Markers	November 2012
T1216	Water Absorption of Ceramic Pavement Markers	November 2012
T1217	Ultraviolet Exposure Test for Raised Pavement Markers	November 2012
T1220	Water Immersion Test for Raised Pavement Markers	November 2012
T1221	Heat Test for Raised Pavement Markers	November 2012
T1222	Shear Bond Strength for Raised Pavement Markers	November 2012
T1223	Slant Shear Strength of Adhesives for Raised Pavement Markers	November 2012
T1224	Road Testing of Raised Pavement Markers	November 2012
T1225	Mixing Properties of Adhesives for Raised Pavement Markers	November 2012
T1226	Sag Flow Test for Adhesives for Raised Pavement Markers	November 2012
T1227	Daytime Field Measurement of Retroreflectivity by Mirolux 12	November 2012

T1228 Measurement of Retained Pavement Moisture Using Polyethelene Film Method

November  
2012

## SOIL MECHANICS

Test Method Number	Test Method	Date of Issue or Revision
T1311	Permeability Test-Constant Head	November 2012
T1351	Weight Sounding in Swampy Areas Using Manual Equipment	November 2012

## DURABILITY OF SURFACE COATINGS

### (a) Weathering

T1401	Artificial Weathering Test of Paint	November 2012
T1403	Salt Spray (Fog) Testing	November 2012
T1404	Ultra Violet Dry Exposure	June 2014

### (b) Retro-Reflective Material

T1406	Solvent Resistance Test for Retro-Reflective Sheeting	November 2012
T1407	Bend Test on Sheeting on Retro-Reflective Sheeting	November 2012
T1408	Colourfastness of Retro-Reflective Sheeting	November 2012
T1409	Accelerated Storage Properties of Retro-Reflective Sheeting	November 2012
T1410	Shrinkage of Retro-Reflective Sheeting	November 2012
T1411	The Adhesion of Retro-Reflective Sheeting	November 2012
T1412	Impact Test on Retro-Reflective Sheeting	November 2012
T1413	Sea Salt Test on Retro-Reflective Sheeting	November 2012
T1414	Photometric Properties Retroreflective Materials	November 2012
T1415	Retroreflective Sheeting - Tensile strength and Elongation	November 2012

## PLASTICS

Test Method Number	Test Method	Date of Issue or Revision
<b>(a) Drainage Pipes</b>		
T1501	Heat Reversion Test for Plastics	November 2012
T1502	Freedom from Surface Strain of Extruded Unplasticised PVC	November 2012
T1503	Strength of Corrugated Plastic Sub-Soil Drainage Pipe	November 2012
T1504	Inorganic Filler Content of Polypropylene Pipe	November 2012
T1505	Physical Dimensions of Plastic Drainage Pipe Perforations	November 2012
T1506	Stiffness Properties of Plastic Drainage Pipe	November 2012
T1507	Determination of Compressive Stiffness of Strip Filters	November 2012
T1508	Determination of the Low Temperature Resistance of Strip Filters During Straightening	November 2012
T1509	Determination of the High Temperature Impact Resistance of Strip Filters	November 2012
T1510	Determination of the Low Temperature Impact Resistance of Strip Filters	November 2012
<b>(b) Filter Fabrics</b>		
T1520	Determination of the Yield of Seamless Knitted Tubular Filter Fabric	November 2012
T1521	Laddering, Unravelling or Deweaving of a Seamless Knitted Tubular Filter Fabric From a Cut End	November 2012
T1522	Abrasion Resistance of Seamless Knitted Tubular Filter Fabric	November 2012
T1523	Weave Stability of Seamless Knitted Tubular Filter Fabric	November 2012
T1524	Determination of Opening Size of Seamless Knitted Tubular Filter Fabric	November 2012
<b>(c) Plastics (General)</b>		
T1550	Heat Ageing Test	November 2012
T1551	Low Temperature Impact Test for Plastic Materials	November 2012
T1552	Resistance to Heat of Plastic Barrier Boards	November 2012
T1553	Resistance to Bending of Barrier Boards	November 2012