Schedule of Accreditation

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Accredited to ISO/IEC 17025:2017

FIRA International Ltd

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Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
UPHOLSTERY AND BEDDING TECHNOLOGY – FLAMMABILITY	Fire Tests	SI 1324 Furniture and Furnishings (Fire) (Safety) Regs:1988 Furniture and Furnishings (Fire) (Safety) (Amendment) Regs:1989 Furniture and Furnishings (Fire) (Safety) (Amendment) Regs:2010
POLYURETHANE FOAM SLABS and CUSHIONS	Ignitability tests	Schedule 1:Part I
POLYURETHANE FOAM in CRUMB FORM and LATEX	Ignitability tests	Schedule 1:Part II Schedule 1:Part III
NON-FOAM FILLING MATERIALS, SINGLY	Ignitability tests	Schedule 2:Part I
COMPOSITE FILLINGS FOR FURNITURE OTHER THAN MATTRESSES, BED BASES, CUSHIONS and PILLOWS	Ignitability tests	Schedule 2:Part II
PILLOWS and CUSHIONS WITH PRIMARY COVERS	Ignitability tests	Schedule 2:Part III
COMPOSITE FILLINGS of MATTRESSES and BED BASES	Ignitability tests	Schedule 2:Part IV BS 6807:1986
FABRIC INTERLINERS	Ignition resistance test	Schedule 3
UPHOLSTERED FURNITURE	Cigarette test	Schedule 4:Part I
STRETCH COVERING FABRIC	Cigarette test	Schedule 4:Part II
FURNITURE COVERING FABRIC	Match test	Schedule 5:Part I

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
UPHOLSTERY AND BEDDING TECHNOLOGY - FLAMMABILITY (cont'd)	Fire Tests (cont'd)	SI 1324 Furniture and Furnishings (Fire) (Safety) Regs:1988 Furniture and Furnishings (Fire) (Safety) (Amendment) Regs:1989 Furniture and Furnishings (Fire) (Safety) (Amendment) Regs:2010
STRETCH COVERING FABRIC for FURNITURE	Match test	Schedule 5:Part II
NON-VISIBLE FABRIC	Match test	Schedule 5:Part III
MATTRESSES and DIVANS	Ignitability	BS 6807:2006 BS 7177:2008+A1:2011 BS EN 597-1:1995 (withdrawn) BS EN 597-1:2015 BS EN 597-2:1995 (withdrawn) BS EN 597-2:2015
UPHOLSTERED FURNITURE	Ignitability	BS 5852 : 2006 BS 7176:2007+A1:2011 BS 5852:Part 1:1979 BS 5852:Part 2:1982 BS EN 1021-1 :2006 (withdrawn) BS EN 1021-2 :2006 (withdrawn) BS EN 1021-1: 2014 BS EN 1021-2: 2014 I.S. 254 :1983
UPHOLSTERY FABRICS	Cleansing and Wetting	BS 5651:1978 (Section 4)

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
UPHOLSTERY AND BEDDING TECHNOLOGY - FLAMMABILITY (cont'd)	Fire Tests (cont'd)	SI 1324 Furniture and Furnishings (Fire) (Safety) Regs:1988 Furniture and Furnishings (Fire) (Safety) (Amendment) Regs:1989 Furniture and Furnishings (Fire) (Safety) (Amendment) Regs:2010
	Fire Tests	S.I. No. 316/1995 Industrial Research and standards (fire Safety) (Domestic Furniture) Order 1995
POLYURETHANE FOAM IN SLAB OR CUSHION FORM	Ignitability tests	I.S. 419:2011 Annex A
POLYURETHANE FOAM IN CRUMB FORM	Ignitability tests	I.S. 419:2011 Annex B
LATEX FOAM	Ignitability tests	I.S. 419:2011 Annex C
NON-FOAM FILLING MATERIALS, SINGLY	Ignitability tests	I.S. 419:2011 Annex D
COMPOSITE FILLINGS FOR FURNITURE OTHER THAN MATTRESSES, BED BASES, CUSHIONS and PILLOWS	Ignitability tests	I.S. 419:2011 Annex E
PILLOWS and CUSHIONS WITH PRIMARY COVERS	Ignitability tests	I.S. 419:2011 Annex F
COMPOSITE FILLINGS of MATTRESSES and BED BASES	Ignitability tests	I.S. 419:2011 Annex G
INNER COVER (INTERLINER)	Ignitability tests	I.S. 419:2011 Annex H
UPHOLSTERED FURNITURE	Cigarette test	I.S. 419:2011 Annex I

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
UPHOLSTERY AND BEDDING TECHNOLOGY - FLAMMABILITY (cont'd)	Fire Tests (cont'd)	S.I. No. 316/1995 Industrial Research and standards (fire Safety) (Domestic Furniture) Order 1995
FURNITURE COVERING FABRIC	Match Test	I.S. 419:2011 Annex J
STRETCH COVERING FABRIC for FURNITURE	Match Test	I.S. 419:2011 Annex K
Materials used in Upholstered Furniture	Smolder resistance	State Of California Department of Consumer Affairs Technical Bulletin 117-2013 June 2013
	Cover materials	Section 1
	Barrier materials	Section 2
	Resilient fillings	Section 3

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
MATERIALS TECHNOLOGY	Mechanical and Physical Tests	
FURNITURE PANELS, SURFACE AND EDGING BONDS	Domestic kitchen equipment - Performance requirements for durability of surface and adhesion of surface and edging materials and assessment of adhesion to substrates	BS 6222:Part 3: 2017 Clause 7. and Annex B
FURNITURE PANELS, SURFACE AND EDGING BONDS	Determination of adhesion of surface and edging material applied to substrates	FIRA Standard 51:2016
	Furniture materials adhesive bonds - elevated temperature test	FIRA Standard 6250:-2018 clause 7
PLASTICS LAMINATES	Determination of properties of High Pressure decorative laminates (HPL) sheets:	
	Resistance to Surface wear	BS EN 438:Part 2:2016, Clause 10 BS EN 438 Part 2 :2016 Clause 16 BS EN 438 :Part 2:2016, Clause 18
	Resistance to scratching	BS EN 438:Part 2:2016, Clause 25
	Resistance to staining	BS EN 438:Part 2:2016, Clause 26
	High Pressure decorative laminates (HPL) sheets based on thermosettings resins:	
	Classification and specification for laminates less than 2mm thick intended for bonding to supporting substrates	BS EN 438:Part 3:2016

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
PRODUCT PERFORMANCE - SEATING	Performance Tests	
CHAIRS and STOOLS	Strength	BS EN 16139:2013 BS EN 12520:2015
	Safety	BS EN 581:Part 1:2017
	Stability	BS EN 1022:2018 (withdrawn) BS EN 1022 :2005 (withdrawn) BS EN 1728:2012
CHAIRS WITH ELECTRICALLY OPERATED SUPPORT SUFACES	Strength and durability	BS 8474 :2013
OPERATING MECHANISMS FOR SEATING AND SOFA BEDS	Test methods	BS EN 13759 :2012
SETTEES	Strength	BS EN 16139:2013
	Stability	BS EN 12520:2015 BS EN 1022:2018
OFFICE SEATING	Strength and Stability	BS 5459:Part 2:2000 + A2 :2008 BS EN 1335:Parts 2 and 3:2009 (withdrawn) BS EN 1335-2 :2018 BS EN 16139:2013
STADIUM and AUDITORIUM SEATING	Strength and Performance	BS EN 12727:2016
OFFICE CHAIRS	Strength, Safety and Performance	ANSI/BIFMA 5.1 2017
PUBLIC and LOUNGE SEATING	Strength, Safety and Performance	ANSI/BIFMA 5.4 2020

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
PRODUCT PERFORMANCE - TABLES/TROLLEYS	Performance Tests (cont'd)	
OCCASIONAL USE SEATING	Strength, Safety and Performance	ANSI/BIFMA 6.4 2018
CHILDREN'S FURNITURE – SEATING FOR CHILDREN	Safety Requirements and test methods	BS EN 17191:2021 excluding section 7 & 8
OUTDOOR PLASTIC FURNITURE	Safety	BS EN 581:Part 1:2017
	Strength	BS EN 581:Part 2:2015
TABLES and TROLLEYS	Strength	BS EN 12521:2015
	Stability	BS EN 1730:2012
OUTDOOR TABLES	Safety	BS EN 581:Part 1:2017
	Strength and Stability	BS EN 581:Part 3:2017
OFFICE DESKS and TABLES	Strength and Stability	BS EN 527:Part 2:2016 BS EN 15372:2016
SCREENS	Strength	BS EN 1023:Part 2:2000 BS EN 1023:Part 3:2000
INCLUSION of GLASS in the CONSTRUCTION of TABLES and TROLLEYS	Safety	BS EN 12521:2015 (Withdrawn)
SAFETY GLASS and SAFETY PLASTICS	Impact/Fragmentation	BS 6206:1981 and Amendments
VDU PLATFORM and SUPPORT ARMS	Strength	FIRA Test Method PP 045:2003
TABLES and CHAIRS FOR EDUCATIONAL USE	Strength and stability	BS EN 1729-2:2023

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
PRODUCT PERFORMANCE - CABINETS	Performance Tests (cont'd)	
STORAGE FURNITURE	Strength	BS 4875:Part 7:2006 ISO 7170:2005 (withdrawn)
FITTED KITCHENS	Strength	BS 6222:Part 2:2009 +A1:2017
FURNITURE Inclusion of glass in furniture	Safety	BS EN 14072:2003 BS EN 14749:2016
OFFICE FURNITURE NON DOMESTIC STORAGE	Safety, Strength, Durability and Stability	BS EN 16121: 2023
NON DOMESTIC & DOMESTIC STORAGE	Strength, Durability and Stability	BS EN 16122: 2012
GLASS IN BUILDING	Performance Tests	
PENINSULA UNITS and BREAKFAST BARS	Strength	BS 6222:Part 2:2009 +A1:2017
KITCHEN FURNITURE BUILT-IN and FREE STANDING UNITS	Safety	BS EN 14749:2016 +A1:2022
BED TECHNOLOGY	Performance Tests (cont'd)	
BEDS BUNK BEDS	Strength Strength, Safety Safety	BS EN 1725:2023 ISO 19833:2018 BS EN 747:Part 1:2024 BS EN 747:Part 2:2024
Children's beds for domestic use	Safety	BS 8509:2008 +A1:2011 excluding: Section 5, Chemical Hazards Section 6, Thermal Hazards
Children's Cots and folding cots	Safety	BS EN 716-1:2017 BS EN 716-2:2017 excluding: 4.2.1, Materials and surfaces 4.2.2, Flammability of textiles, coated textiles and plastic coverings.
END		

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