



**BUREAU
VERITAS**

CONSUMER PRODUCTS SERVICES DIVISION

NanLin (FuJian) Industries Co., Ltd

Technical Report: (6619)273-0134
Date Received: SEP.30, 2019
Mod. Date: /

OCT.25, 2019
Page 1 of 13

Shiny Guo
NanLin (FuJian) Industries Co., Ltd
Unit 10,16/F Worldwide Plaza,158 Wusi Rd, Fuzhou
China

Sample Description: TONGUE & GROOVE GREY 2 DRAW UNIT,
TONGUE & GROOVE WHITE 2 DRAW UNIT
Manufacturer: FUJIAN IVYER INDUSTRIAL PO No.: /
CO., LTD.
Buyer: / Style No: /
Country of Origin: / Country of: UK
Destination:
Color: / SKU No.: 7025569, 7033331
Protocol No.: / Previous Report No.: /

EXECUTIVE SUMMARY

	TEST REQUESTED	CONCLUSION	Remark
1)	BS EN 14749:2016 domestic and kitchen storage units and worktops – safety requirements and test methods	PASS	/
2)	Total Lead Content - European Parliament and Council Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) with Latest Amendment, Annex XVII, Entry 63, Point 7	PASS	/

REMARK:

1. The client specifies the test methods and requirements.
2. The test result marked with “#” were transferred from our previous report (6619)267-0248 issued on OCT.23, 2019

SHA/TL/CG/H/AW

Bureau Veritas

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BVCPS (SHANGHAI) GENERAL CONTACT INFORMATION FOR THIS REPORT

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Laboratory Test location:
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No. 168, Guanghua Road, Zhuanqiao Town, Minhang, Shanghai.

Hyde Bao
PRODUCT LINE MANAGER(HARDLINE DIVISION)



SUMMARY OF EXAMINATION

Introduction:

An examination was requested to ascertain compliance with the requirement(s) as detailed on page one of this report. The following clauses were considered applicable and our findings were as follows:

1. BS EN 14749:2016 domestic and kitchen storage units and worktops – safety requirements and test methods

Clause	Description	Result	*Comments
EN 14749:2016 Clause 5.1	Preliminary preparation	--	--
--	Defect observed before testing	PASS	--
EN 14749:2016 Clause 5.2.1	General Safety	PASS	--
EN 14749:2016 Clause 5.2.2	Units moving vertically	NA	See note I
EN 14749:2016 Clause 5.2.3	Lids	NA	See note I
EN 14749:2016 Clause 5.2.4	Vertically moving roll fronts and vertically moving sliding doors	NA	See note I
EN 14749:2016 Clause 5.2.5	Extension elements	NA	See note I
EN 14749:2016 Clause 5.3.2.1/ EN 16122:2012 Clause 6.1.3	Shelf retention - vertical downward	NA	See note I
EN 14749:2016 Clause 5.3.2.2/ EN 16122:2012 Clause 6.1.2	Shelf retention - horizontal outward	NA	See note I
EN 14749:2016 Clause 5.3.3/ EN 16122:2012 Clause 6.1.5	Shelf supports	NA	See note I
EN 14749:2016 Clause 5.3.4/ EN 16122:2012 Clause 6.2.1	Storage area/ volume for heavy appliance	NA	See note I
EN 14749:2016 Clause 5.3.5.1/ EN 16122:2012 Clause 7.1.1, 7.1.2	Vertical load of pivoted doors	NA	See note I
EN 14749:2016 Clause 5.3.5.2/ EN 16122:2012 Clause 7.1.1, 7.1.3	Horizontal load on pivoted doors	NA	See note I
EN 14749:2016 Clause 5.3.6/ EN 16122:2012 Clause 7.2.1, 7.2.2	Sliding doors and horizontal roll fronts	NA	See note I



Clause	Description	Result	*Comments
EN 14749:2016 Clause 5.3.7.1/ EN 16122:2012 Clause 7.5.1, 7.5.4	Slam open of extension elements	NA	See note I
EN 14749:2016 Clause 5.3.7.2/ EN 16122:2012 Clause 7.5.1, 7.5.2	Strength test of extension elements	NA	See note I
EN 14749:2016 Clause 5.3.8/ EN 16122:2012 Clause 7.3.1	Bottom hinged flaps	NA	See note I
EN 14749:2016 Clause 5.3.9, A.1	Top hinged flaps	NA	See note I
EN 14749:2016 Clause 5.3.10.2/ EN 16122:2012 Clause 6.2.2	Kitchen-worktops - static load test	NA	See note I
EN 14749:2016 Clause 5.3.10.3/ EN 16122:2012 Clause 6.2.2	Other top surfaces - static load test	PASS	--
EN 14749:2016 Clause 5.3.11.2	Wall and top hanging unit - Movable components, shelf supports and top surfaces	NA	See note I
EN 14749:2016 Clause 5.3.11.3/ EN 16122:2012 Clause 10.1.3	Wall and top hanging unit -Overload	NA	See note I
EN 14749:2016 Clause 5.3.11.4, A3	Wall and top hanging unit -Sidewards detachment test	NA	See note I
EN 14749:2016 Clause 5.3.11.5/ EN 16122:2012 Clause 10.1.4	Wall and top hanging unit -Vertical dislodgement test	NA	See note I
EN 14749:2016 Clause 5.4.1.1/ EN 16122:2012 Clause 11.2.1	Stability - unloaded - height of unit 1000 mm or less	NA	See note I
EN 14749:2016 Clause 5.4.1.2/ EN 16122:2012 Clause 11.2.2	Stability - unloaded - height of unit more than 1000 mm	NA	See note I

Clause	Description	Result	*Comments
EN 14749:2016 Clause 5.4.1.3/ EN 16122:2012 Clause 11.4.1	Stability - unloaded - all doors, extension elements and flaps open	NA	See note I
EN 14749:2016 Clause 5.4.1.4/ EN 16122:2012 Clause 11.4.2	Stability - unloaded - with overturning load	NA	See note I
EN 14749:2016 Clause 5.4.1.5 / EN 16122:2012 Clause 11.4.3	Stability - loaded - with overturning load	NA	See note I
EN 14749:2016 Clause 5.4.1.6/ EN 16122:2012 Clause 11.5	Stability - doors, extension elements and flaps closed and locked	NA	See note I
EN 14749:2016 Clause 5.4.2/ EN 16122:2012 Clause 11.2	Additional stability - kitchen floor unit with kitchen-worktops	NA	See note I
EN 14749:2016 Clause 5.4.3.2, A.2.1	Additional stability - TV furniture - unloaded - one door, extension element or flap opened	NA	See note I
EN 14749:2016 Clause 5.4.3.3, A.2.2	Additional stability - TV furniture - unloaded - door, extension element or flap closed	NA	See note I
EN 14749:2016 Clause 5.5/ EN 16122:2012 Clause 10.2	Floor standing units intended to be attached to the building	NA	See note I
EN 14749:2016 Clause 5.6/ EN 14072:2003 Clause 7	Vertical glass components	NA	See note I
EN 14749:2016 Clause 6	Product information	PASS	--

NOTE:

I. NA=Not applicable

ANNEX I: SUBMISSION DESCRIPTION

Sample Description: TONGUE & GROOVE GREY 2 DRAW UNIT,
 TONGUE & GROOVE WHITE 2 DRAW UNIT

Overall dimensions: 29.0cm x 34.0cm x 56.0cm (D x W x H)

Weight: 8.5kg

ANNEX II: ADDITIONAL COMMENTS

Unit was store in a warm ventilated room prior to the test until it's moisture between the range of 8% and 12%.



2. Total Lead Content - European Parliament and Council Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) with Latest Amendment, Annex XVII, Entry 63, Point 7

Test Item(s)	Item / Component Description(s)	Location(s)	Style(s)
1#	Grey/white coating on wood	-	-
2#	White coating on wood	-	-
3#	Silvery metal	handle	-

Limit :	Less than 500 mg/kg
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-	Unit	Result		
Test Item(s)	-	1#	2#	3#
Parameter	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	195
Conclusion	-	PASS	PASS	PASS

Note / Key :

ND = Not detected ">" = Greater than
 mg/kg = milligram(s) per kilogram = ppm = part(s) per million 10 000 mg/kg = 1 %
 % = percent Detection Limit (mg/kg) : 10

- Remark :
- Accessible surface coating, print, metal and plastic in article(s) or part(s) of article(s), during normal or reasonably foreseeable condition of use, which may be placed in the mouth by children are applicable to be tested.
 - Without applying to this requirement, exemption can granted to article(s) or part(s) of article(s) placed on the market for the first time before June 1, 2016, brass alloy containing up to 0.5 % lead by weight and those listed in Comment section.
 - Acceptable documentation is required to verify the material type(s) as recommended by Bureau Veritas Consumer Products Services, Inc.

Comment :

List of Materials, Components or Articles which are not applicable to this Requirement :	
No.	Material / Component / Article Description
1	Jewellery articles covered by European Parliament and Council Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) with Latest Amendment, Annex XVII, Entry 63, Point 1.
2	Crystal glass as defined in Annex 1 (Categories 1, 2, 3 and 4) to European Council Directive 69/493/EEC.
3	Non-synthetic or reconstructed precious and semiprecious stones [Combined Nomenclature (CN) code 7103, as established by European Council Regulation (EEC) No. 2658/87], unless they have been treated with lead or its compounds or mixtures containing these substances.
4	Enamels, defined as vitrifiable mixtures resulting from the fusion, vitrification or sintering of minerals melted at a temperature of at least 500 degree Celsius (°C).
5	Keys and locks, including padlocks.
6	Musical instruments
7	Articles and parts of articles comprising brass alloys, if the concentration of lead (expressed as metal) in the brass alloy does not exceed 0.5 % by weight.
8	The tips of writing instruments
9	Religious articles
10	Portable zinc-carbon batteries and button cell batteries
11	Articles within the scope of : (i) European Council Directive 94/62/EC; (ii) European Parliament and Council Regulation (EC) No. 1935/2004; (iii) European Parliament and Council Directive 2009/48/EC; (iv) European Parliament and Council Directive 2011/65/EU

EXHIBIT

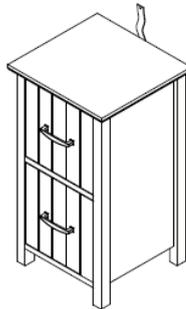




INSTRUCTION EXHIBIT

HOME

Tongue and Groove 2 Drawer Unit SKU 702/5569 703/3331



Care & Instruction Manual

Please read and retain these instructions for future reference

Issue 2 - 25/07/2018

Safety and Care Advice

Important – Please read these instructions fully before starting assembly

- Check you have all the components and tools listed on pages 2 and 3.
- Remove all fittings from the plastic bags and separate them into their groups.
- Keep children and animals away from the work area, small parts could choke if swallowed.
- Make sure you have enough space to layout the parts before starting.
- During assembly do not stand or put weight on the product, this could cause damage.
- Assemble the item as close to its final position (in the same room) as possible.
- Assemble on a soft level surface to avoid damaging the unit or your floor.
- Parts of the assembly will be easier with 2 people.
- We do not recommend the use of power drill/drivers for inserting screws, as this could damage the using. Only use hand screwdrivers

Care and maintenance

- Only clean using a damp cloth and mild detergent, do not use bleach or abrasive cleaners.
- From time to time check that there are no loose screws on this unit.
- This product should not be discarded with household waste. Take to your local authority waste disposal centre.

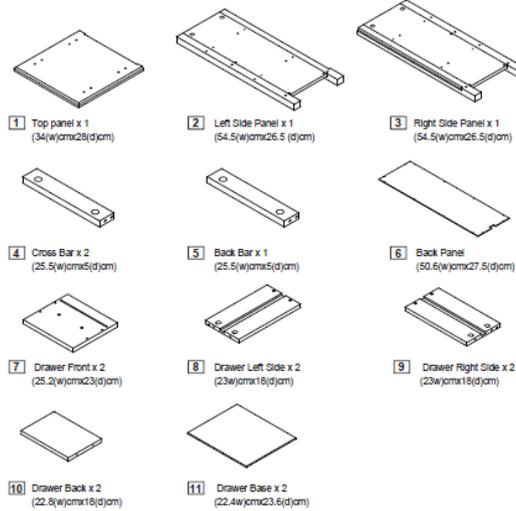
Handy Hints

- Assemble all parts and bolts loosely during assembly, only once the product is complete should you fully tighten the bolts
- Regularly check and ensure that all bolts and fittings are tightened properly.

Note: If required the next page can be cut out and used as reference throughout the assembly. Keep this page with these instructions for future reference.

Components - Panels

Please check you have all the panels listed below



Components - Fittings

If you have damaged or missing components, call the Customer Helpline: 0345 640 0800

Please check you have all the fittings listed below

Note: The quantities below are the correct amount to complete the assembly. In some cases more fittings may be supplied than are required.

A  35mm Male camlock x 18	B  Female camlock x 18	C  30mm Wooden dowel x 10
D  10mm Screw x 8	E  Drawer Runners x 4	F  Drawer Stoppers x 4
G  Handles x 2	H  14mm Screw x 4	I  14mm Screw x 10
J  30mm Screw x 8	K  Safety strap x 1	L  12mm Screw x 1
M  35mm Screw x 1	N  Wall plug x 1	O  Washer x 2

Tools required

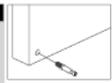
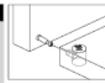
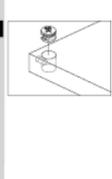
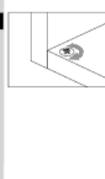
 Phillips screwdriver (medium & large)

 Drill (for wall drilling only)

Ruler – Use this ruler to help correctly identify the screws

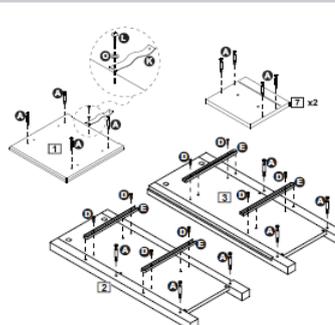


Using Camlocks

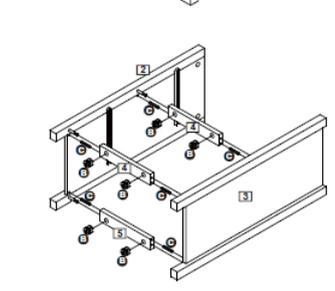
Step 1 Connect the male camlock as directed in the assembly instructions using a screwdriver.		Step 3 Push the male camlock into the entry hole.	
Step 2 Insert the female camlock as shown in the instructions. Note: ensure that the arrow on the top of the camlock points towards the entry hole for the male camlock.		Step 4 Turn the female camlock clockwise with a screwdriver. You should feel a click when the camlock is locked in place. The joint is now secure.	

Assembly Instructions

Step 1
Inserting Male Camlocks
 1. 4 x Male Camlocks **A** into the underside of Top Panel **1**
 2. Insert 8 x Male Camlocks **A** into 2 x Drawer Front Panels **7**
 3. Into Left and Right Side panels **2** and **3**, insert 6 x Male Camlocks **A**
 4. Into the underside of Top Panel **1**, connect Wall strap **6** as shown using 1 x Washer **C** and Screw **B**
 5. Connect 4 x Drawer Runners **4** as shown using 2 x Screw **D** per Runner
 Note: Please ensure runners are facing correct way



Step 2
 1. Into 2 x Cross Bars **1** and 1 x Back Bar **5**, insert 6 x Dowels **C**
 2. Locate 2 x Bars **4** and Bar **3** onto Male Camlocks in Side Panels **2** and **3** as shown.
 3. Into the underside of 2 x Bars **4** and Bar **3**, insert 6 x Female Camlocks **B**
 Use a screwdriver to turn the Female Camlocks Clockwise to lock.
 For more information refer to the Using Camlocks Section

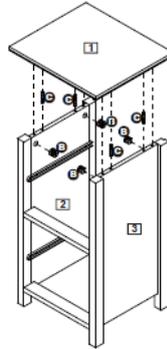


Assembly Instructions

Step 3

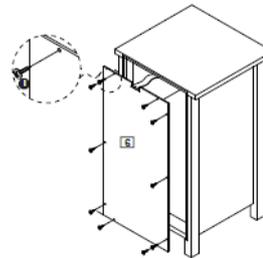
1. Insert 4 x Dowels **(6)** into the top edge of Side Panels **(2)** and **(3)** as shown
2. Locate Top Panel **(1)** into position as shown.
3. Insert 4 x Female Camlocks **(4)** into Side Panels **(2)** and **(3)**. Use a screwdriver to turn the Female Camlocks Clockwise to lock.

For more information refer to the Using Camlocks Section



Step 4

1. Locate Back Panel **(5)** into position. Ensure that the wall strap pulls through the gap shown.
2. Connect Back Panel **(5)** to the unit using 10 x Screws **(8)**



Assembly Instructions

Step 5

Assemble the Drawers

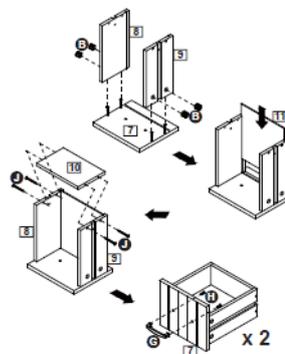
1. Locate Drawer Side Panels **(8)** and **(9)** onto Male Camlocks.
2. Insert 4 x Female Camlocks **(6)** into Holes shown. Use a screwdriver to turn the Female Camlocks Clockwise to lock. For more information refer to the Using Camlocks Section.

3. Slide Base Panel **(11)** into position.

4. Connect Drawer Back Panel **(10)** using 4 x Screws **(9)**

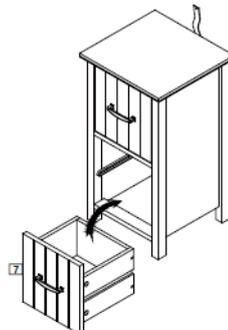
5. Connect Handle **(7)** to Front Panel **(7)** using 2 x Screws **(1)**

Repeat for Drawer 2



Step 6

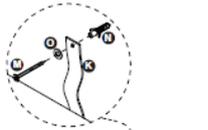
1. Insert Drawers into the unit



Assembly Instructions

Step 7

1. Insert 4 x Drawer stoppers into **(I)** into the Drawers as shown



Step 8

The unit is floor standing, but it is recommended that the unit is secured to the wall.

1. Move the unit into desired position.

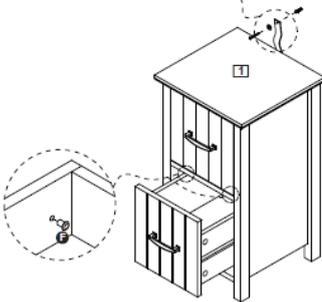
2. Mark the wall with a suitable scribe the position of the fixing nose.

Warning: Before drilling, check wall for hidden pipes and cables.

3. Drill hole and insert 1 x wall plug **(H)**

4. Secure the strap to the wall using 1 x Washer **(G)** and 1 x Screw **(C)**

Note: To hide the strap behind the unit, drill the holes lower than the top of the unit



Assembly Complete

If you need help or have damaged or missing parts, call the Customer Helpline: 0345 640 0800
 Argos LTD, 499-499 Avebury boulevard, Central Milton Keynes, MK9 2NW

A Guide to Wall Mounting & Fixings

Important note:

If plastic wall plugs (rawl plugs) are supplied with your product, e.g.:



- these are only suitable for use in masonry walls.

If you are in any doubt about the correct wall plugs for your wall, seek professional advice.

Failure of the product due to using the incorrect fixings is the responsibility of the installer.

Important: when drilling into walls always check that there are no hidden wires or pipes etc.

Make sure that the screws and wall plugs being used are suitable for supporting your unit. Consult a qualified tradesperson if you are unsure.

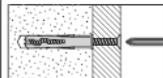
Hints:

- 1: General rule: **(A)** always use a larger screw and wall plug if you are not sure.
- 2: Ensure you use the recommended drill bit to match the wall plug and hole size.
- 3: Ensure you drill the hole horizontally; do not force the drill or enlarge the hole.
- 4: Take extra care when drilling high walls, ceilings and ceramic tiles. Ensure wall plugs are inserted beyond the thickness of the ceramic tiles to avoid the tiles splitting or cracking.
- 5: Ensure wall plugs are well fitted and are a tight fit in the drilled hole.

Types of walls

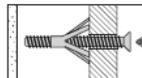
You can use one of the following types of wall plug if your walls are made of brick, breeze block, concrete, stone or wood.

No.1 "General Purpose" wall plug



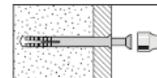
Generally aerated blocks should not be used to support heavy loads, use a specialist fitting in this case. For light loads, general purpose wall plugs can be used.

No.3 "Cavity Fixing" wall plug



For use with plasterboard partitions or hollow wooden doors.

No.5 "Hammer Fixing" wall plug



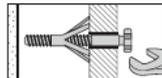
For use with walls stuck with plasterboard. The hammer fixing allows it to be fixed to the wall rather than the plasterboard. Always check the fixing is secure to the retaining wall.

No.2 "Plasterboard" wall plug



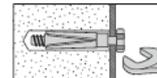
For use when attaching light loads onto plasterboard partitions.

No.4 "Cavity Fixing - Heavy Duty" wall plug



For use when fitting or supporting heavy loads such as shelving, wall cabinets and coat racks.

No.6 "Shield Anchor" wall plug - heavy loads



For use with heavier loads such as TV and HiFi speakers and satellite dishes etc.

Care & Maintenance

Safety: always check the fitting and location to ensure your safety in and around the home.

Fitting: from time to time check the fitting to ensure the wall plugs or screws do not become loose.

If you need help or have damaged or missing parts, call the Customer Helpline: 0345 640 0800

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