

PROTOCOL # 408 - K

PATIO & BEACH UMBRELLA STAND

Performance Test	Test Method	Samples	Requirement	Rating (Section or exec. Summary which failed items can be referenced)
LABELING				
Labeling / Packaging Review	FPLA 16 CFR 500 & 19 CFR 134	All Samples	Should be legibly marked with the following information: - Distributor's name, trademark or other means of identification of the manufacturer or packer & address (City, State & Zip) - Product identification - Net quantity of the contents in terms of weight, measure or numerical count (Metric & US Standard) or a combination so as to give accurate information and facilitate value comparison by the consumer - Country of origin (if imported)	
Instructional Literature/ Assembly Instruction	Visual Check	All Samples	Shall provide safe use, or proper assembly or both, and care instruction. Shall be legible and easy to read	Provided Verified Not Provided
Verify Label Claims	Visual Check	All Samples	The labeling must comply and valid with all claims.	
Adult Tracking Label: **If space limitations exist, contact Kohl's Quality Assurance & Product Integrity teams to discuss minimum required information MR.QA. PI@kohls.com	Kohl's Requirement	All Samples	Can be included on packaging when necessary: Kohl's Assigned Factory Number Manufacture Date (Month/Year) UPC #	
PHYSICAL CHARACTERISTICS				
Overall Dimension (LXWXH)	Std. Measure (in/cm)	3 Samples	Max. +5% / -0% of claimed dimension. Record actual data if there is no claim.	Claim: Actual:
Overall Weight	Std. Measure (lb/kg)	3 Samples	Max. +5% / -0% of claimed dimension. Record actual data if there is no claim.	Claim: Actual:
CONSTRUCTION QUALITIES				
Kohl's Workmanship Review	Visual Check / Actual Use	All Samples	- All components shall be provided as claimed and shall not be deformed or fractured. - All hardware shall be provided - All welds shall be smoothly finished and free from pits and splatter - All components shall not contain any burrs or sharp edges (test by touch or sight) - Product shall not contain any loose components or unsecured fastening where rigidity is required	
PERFORMANCE				
Flammability Of Solid	16 CFR 1500.44	1 Sample	Burn rate<0.1"/sec.	
Effects Of Extreme Temperature/Humidity	Kohl's TM 30	1 Sample	24 Hours @ 0° F (-18°C) and 24 Hours @ 95% RH/120° F (49°C) - no failure	
Colorfastness To Light	AATCC 16E	1 Sample	Min. Class 3.5. Report actual data at 20/40/60 hrs.	
*Resistance To Corrosion (Metal Components Only)	ASTM B117 G85 (Mod)	1 Sample	Shall withstand 24 hours in 1% salt spray (fog) with no major visual change or corrosion. Modification = % of salt spray	
*Cross Cut Adhesion (Plating/Surface Coating)	ASTM D 3359 (Mod.)	1 Sample	Cut 2 in. cross - hatch pattern on surface of plated and/or painted area. Plating and/or painted surface must remain affixed. Trace peeling or removal along incision or at their intersection is accepted. Modification = Scope expanded	
Stability	Kohl's TM 38	1 Sample	Shall withstand 10° incline with no tipping while supporting a standard size umbrella. Report actual incline angle to cause failure.	
*Stability of Parasol (For free standing umbrella base only)	EN 581-3 clause 6.2.2 as reference	1 Sample	Setup the sample as per the instruction. Secure a steel test tube in the sample. Apply a horizontal force of 30N at height of 2200mm. The sample shall not overbalance when tested. Note: All stated setup situations are needed to be tested	
Concentrated top load	ANSI/BIFMA X5.5-2014 section 5.2 modified		No loss of serviceability when test load (250 lb) is placed on 12 in. loading disc centered 6 in. from edge. (when item is filled with water or sand as claimed) Modification: Expended scope to other products	
#Claim Verification (If Claimed)	Visual Check / Actual Use	1 Sample	All designs and features must conform to actual claim.	Claim:
*Tech Pack Verification	Visual Check /Std. Measurement	1 Sample	Verify all claims mentioned in Tech Pack File	Provided Verified
ANALYTICAL				
*Lead In Scrapable Surface Coating	CPSC-CH-E1003-09	1 Sample	≤ 90 ppm (0.009% by weight) (CPSC – 16 CFR 1303)	
PFAS Supplemental Protocol	Refer to Protocol 1600	All Samples	All samples shall be reviewed against the requirements of PFAS Supplement Protocol to determine if additional testing or labeling is required	

Protocol Version	Description of Change	Revised by / Date	Approved by / Date
408 – 0	Initial Release	CY Chan Feb 10, 2004	Roger Mayerson Mar 08, 2004
408 – A	Changed Test Protocol Title. Added 19 CFR 134, Instructional Literature/Assembly Instruction, Overall Dimension & Weight Measurement, Flammability of Solid & Colorfastness to Light Tests. Modified Effects of Extreme Temperature Test, Modified Cross-cut Adhesion Test. Price Adjustment. Changed protocol number from 408-1 to 408-A, price adjustment	Simon Leung April 1, 2010	Ro Jain April 1, 2010
408 – B	Changed the Test Method for Lead in Scrapable Surface Coating from ASTM to CPSC. Updated the Permissible Limit to ≤ 90 ppm.	Simon Leung September 15, 2011	Ro Jain September 15, 2011
408 – C	Updated sample size	John Wong Mar 26, 2013	Ro Jain Apr 15, 2013
408 – D	Added Tech Pack Verification	Jeetendra Shelatkar Feb 4, 2014	Ro Jain Mar 7, 2014
408 – E	Updated lead and resistance to corrosion tests pricing	Candy Chan Jul 30, 2014	Jeetendra Shelatkar Aug. 4, 2014
408 – F	Renamed all in-house methods	Birkoff Chen Sep 4, 2014	Jeetendra Shelatkar Oct 27, 2014
408-G	Updated AI & Tech pack testing results/rating	Elizabeth Armstrong March 14, 2016	Jeetendra Shelatkar March 14, 2016
408-H	Added Stability of Parasol	Gigi Au Jun 21, 2016	Elizabeth Armstrong Jun 21, 2016
408-I	Added Concentrated top load testing	Elizabeth Armstrong Aug 15, 2016	Elizabeth Armstrong Aug 15, 2016
408-J	Added adult tracking label requirements and removed “not provided” from tech pack verification	Elizabeth Armstrong June 11, 2020	Elizabeth Armstrong June 11, 2020
408-K	Added PFAS Test Line	Kevin Makocy March 18, 2022	Kevin Makocy March 18, 2022