



TECHICAL REQUIREMENTS BATHROOM

All products:

- Ease of assembly using instructions provided, where applicable
- Size as specified in specification
- Parts as specified in specification
- Colour match with other items in the range and must be approved with the Trends team.
- Workmanship and functionality carried out by ASDA Development Technologist

Product family	Minimum make standards
<ul style="list-style-type: none"> • Textiles <p>(incl. towels, bath mats, shower curtains)</p>	<p>Please note: this list is not exhaustive</p> <p>All products must comply with the ASDA TEXTILES POLICY</p> <p>Fabric</p> <ul style="list-style-type: none"> • Fabric spec must be agreed with the Development Technologist at range confirmation stage. • All fabric must be checked for faults prior to cutting. There must be minimal shedding of fibres. • All fabric must be relaxed sufficiently to remove any tension prior to cutting. • Fabric to be cut on grain, the depth of lay must be controllable. • There must be no visible marks on the finished product from markers. <p>Stitching</p> <ul style="list-style-type: none"> • Monofilament thread is not acceptable. • Correct stitch tension/density must be established and maintained to prevent skipped stitches, puckering, cracking, roping, grinning or thread breakage. • All loose thread ends must be carefully trimmed to a maximum length of 1cm without detrimental damage to the stitching or seam security. <p>Seams/Hems</p> <ul style="list-style-type: none"> • Suppliers must identify correct seam & stitch type for fabric type, weight and intended end use. • Seams/hems must lie flat and not distort or twist and must be clear of faults caused by needle damage/poor machine maintenance. • All visible raw edges must be double turned and stitched to prevent fraying and unravelling. If double turning is not suitable for the product type, an alternative method of finishing may be agreed with the Asda Development Technologist • Hem depth to be consistent, and as specified (if applicable) • Edges must be parallel & straight.

Eyelets and Button holes

- Eyelet and button hole markings must be temporary.
- Eyelets and button holes must be stitched through at least 2 layers of fabric
- Button holes must have sufficient and uniform edge stitch coverage, clean slit of hole and no loose threads.
- Ensure even spacing between buttonholes or eyelets, and central position on header band.

Embellishment

- Ensure any embellishment is secure, no loops or floats over 0.5cm
- Embellishment must not cause puckering or distortion.
- Any embellishment must not delaminate, deteriorate or discolour during cleaning, before or after wash
- Backings must be suitable for fabric being used and give a satisfactory handle. Backings must be cleanly removed where visible.
- Raw edges of appliqué must be neatly and securely finished.
- Position of embellishment must be as per agreed design.
- Any position markings must be temporary.

Care Labels

All textile products (unless stated otherwise) should have a sewn in label stating the following information:

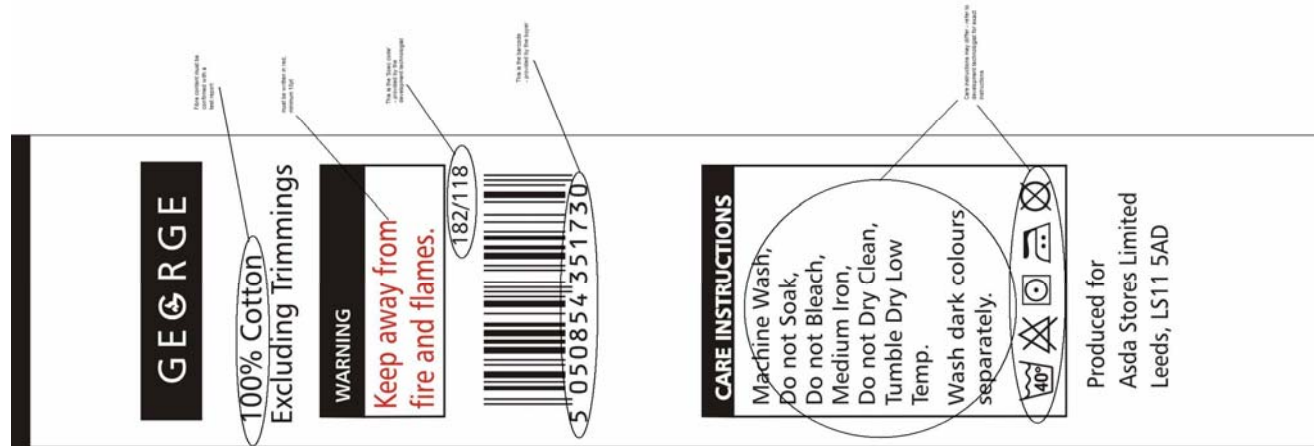
Front:

Branding logo
Fibre content
Fire warning
Spec code
Barcode (bath towels and mats only)
Batch code (if required)

Back:

Wash care instructions (wording and symbols)
Asda name and address

Example of care label layout:



- Wash care symbols must be in the same order as above.
- Where the sewn in label is not visible to the customer then the fibre content and the care instructions must be repeated on the packaging

Dimensions:

Product (all tiers)	Size (cm)
Face Cloth	30 x 30
Hand Towel	50 x 90
Bath Towel	70 x 127
Bath Sheet	100 x 150

General

- Measurements – products to be within 2% of specified measurement
- All lab dips & colour to be approved with the Trends team.
- All parts within a set must be colour matched.
- Shading tolerance = delta-E 1 (-CMC equation) readings to be maintained by the factory along with shade continuity cards.
- All plain dyes must be consistent in colour.
- All printed items must be free from faults. Hand feel must be as agreed with the Development Technologist at pre-production stage.

Refer to individual Product Specs for exact construction standards per product (issued by the Asda Development Technologist)



<p>Metal (incl. lotion dispensers, tooth brush holders, soap dishes, tumblers, bins, toilet brush/holders, shower hose/heads, toilet roll holders, towel rails/rings, light pulls, bath/shower racks, metal components)</p>	<ul style="list-style-type: none"> • All metal must be smoothly and evenly finished - particularly around any rim. • Metal must be free from sharp edges and burrs to ensure it doesn't cut. • There must be no deformation of shapes and no areas of matting (unless it is intended) • Metal must be free from scratches. • Any joins / welds must be secure, durable and smooth • Products must be stable • Tooth brush holes to be a minimum of 2cm diameter (if applicable) • Packaged product must contain no loose shards or contaminants • All colours to be approved with the Trends team.
<p>Ceramics/Glass/ Soap stone / marble (incl. lotion dispensers, tooth brush holders, soap dishes, tumblers, toilet brush/holder, toilet roll holders, towel rails/rings, light pulls, ceramic components)</p>	<ul style="list-style-type: none"> • Glass and ceramicware will be smoothly and evenly finished - particularly around any rim. • There must be no cracks, rough or sharp edges, chips, glaze runs or other visual defects. Where edges have been cut, these must also be polished. • Pin marks must be minimal and must not detract from appearance. • Each piece will be free from ingress of parts or unsightly air bubbles. • Glass must be free from stress marks and flow marks. • Obvious mould lines must be cleanly polished off where applicable • The base of the product must be flat and parts must be consistent in shape, thickness and size. • Stability angle is set at 15 degrees without exception both for empty and filled vessels. • If separate glass or ceramic components have been welded/glued together, joints must be strong and maintain good adhesion throughout subsequent use and care treatment. • Patterns must be evenly located with no variation in colour match (if hand painted some variation is acceptable; 2% tolerance). • Any colour tolerances on ceramics, coloured glass, marble and soap stone must be agreed with the Asda Designer / Buyer / Development Technologist prior to production • Any 'metal' banding or surface decoration must be free from imperfections and must be durable and suitable for its intended care and end use. • The main body and glaze of ceramic wear must not absorb water. • Tooth brush holes to be a minimum of 2cm diameter (if applicable)
<p>Plastics (incl. lotion dispensers, tooth brush holders, soap dishes, tumblers, bins, toilet brush/holders, shower hose/heads, toilet roll holders, towel</p>	<ul style="list-style-type: none"> • All plastics must be free from sharp edges/flashing/burrs. • There must be no deformation of shapes and no areas of matting (unless it is intended) • The use of regrind shall not compromise the appearance, performance or toxicity level of the product and must be highlighted to the Development technologist to approve. • Colour must be consistent and any labelling or decals correctly and consistently positioned. • Must be free from excessive or unpleasant odours. • Stability angle is set at 15 degrees without exception both for empty and filled vessels.



rails/rings, light pulls, bath/shower racks, plastic components)	<ul style="list-style-type: none"> • All items must be marked whether they are dishwasher safe • All oral contact items must be marked “Wash thoroughly before first use”. • Full details of plastic grade and manufacturing method must be highlighted in submitted specifications along with weight and dimensions • Tooth brush holes to be a minimum of 2cm diameter (if applicable) <p>Please also refer to the phthalates policy.</p>
Wood (incl. lotion dispensers, tooth brush holders, soap dishes, tumblers, bins, toilet brush/holders, toilet roll holders, towel rails/rings, light pulls, wooden components)	<ul style="list-style-type: none"> • Compliance with the ASDA timber sourcing policy is mandatory. • Moisture content of wood 8-12% maximum. • Steps must be taken in the process to ensure the product is free from any kind of mould or infestation. • Fumigation must be demonstrated to the ASDA Development Technologist. • Product must be soundly constructed and free from rough or sharp edges / splinters / loose knots / uneven lacquering / dents / scratches / cracks and filler. • Where components have been joined together, joints must be strong and maintain good adhesion throughout subsequent use and care treatment. • Where functionality is critical - items should be screwed together rather than pinned. • Tooth brush holes to be a minimum of 2cm diameter (if applicable)
Cabinets / Storage Furniture	<ul style="list-style-type: none"> • See appropriate substrate sections above • All products must comply with EN 14749: 2005: Domestic and kitchen storage units and worktops. Safety requirements and test methods (also covers safety of glass in storage furniture) • All products must comply with EN 12150 or BS 6206 (glass fragmentation tests) • There must be no cracks, rough edges, chips, glaze runs or other visual defects in glass. • Doors and extension elements must be able to withstand foreseeable use. They must be securely attached and open smoothly. • Item must be stable when empty or filled. • Compliance with the ASDA timber sourcing policy is mandatory. • Measurements must be accurate. Any tolerances must be agreed with the ASDA Development Technologist • Gaps, shear and squeeze points must be kept to a minimum. Any tolerances must be agreed with the ASDA Development Technologist.
Mirrors (free standing or wall hung mirrors, not incorporated into furniture)	<ul style="list-style-type: none"> • All products must comply with BS 7449: 1991: Specification for inclusion of glass in the construction of furniture, other than tables or trolleys, including cabinets, shelving systems and wall hung or free standing mirrors. (this standard has been withdrawn however its replacement does not adequately cover wall hung or free standing mirrors therefore BS 7449 should still be used for these products.). • There must be no cracks, rough edges, chips, glaze runs or other visual defects in glass. • Glass attachments must be strong and secure

All products must be tested. Testing for each product must be agreed with the ASDA development technologist. Please view ASDA test requirements: Bathroom.