



Product Quality Inspection

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1. Package and Contents Inspection

- a. **Very Important**, upon receipt, cut the bands and store flat.
- b. Upon the initial receipt of PaperStone, the pallet and packaging should be inspected for damage.
- c. When the packaging is opened and sheets of PaperStone are removed, they should be handled using the proper care and equipment. As the sheets are exposed, each should be inspected.
- d. Call your Distributor if there are any questions regarding the condition of the packaging or PaperStone.

2. Color match, pattern irregularity, recycle spots

- a. PaperStone surfaces are made using resin impregnated paper and resins with colorants added. Most of the raw papers used are recycled.
- b. Recycled papers are characterized by a directional grain which varies in terms of density and saturability. This causes the natural variation in color and mottling pattern that characterizes PaperStone.
- c. Recycle spots are appearance specks that are characteristic of recycled papers. They are more prevalent in 100% recycled brown papers.
- d. The grain pattern in many PaperStone colors is directional with the length of the panel. When seaming pieces lengthwise to width wise, the change in the direction of the grain may be apparent and is one of the characteristics of PaperStone's appearance that is expected.
- e. PaperStone are identified by lot numbers. Each panel has a sticker on it

identifying the lot number. The natural variation in appearance are similar for panels in the same lot number series but may differ from other lot number series. The lot number can be tracked to the manufacturing conditions as well as the raw paper and resin mix source if the need arises.

f. In case the manufacturing information is needed either leave the lot number sticker on the sheets or record them when the panel is fabricated.

g. For all sheets except 2mm-3mm, the surface quality standard is the same both sides. For 2mm-3mm sheets, the quality standard applies to one side.

3. Edge damage, breaks, surface damage, delamination

- a. If there is damage to the packaging, there may be damage to the edges or surface of one or more panels; work with your distributor to discuss the damage and determine if the package should be inspected with the freight handler.
- b. Panel edge, breaks, or surface damage may be able to be worked around. PaperStone panels are generally cut oversized by up to .5 inches to allow for trim. If damage is not workable, contact your distributor.
- c. If there is any delamination, do not use the panel, contact your distributor.

4. Warp, cupping

a. Warp or cupping can be measured with a straight edge; tolerance is .125" – 3mm across the sheet and/or .125" – 3mm over the length of the sheet. For sheets 2mm-3mm thick these tolerances do not apply.

5. Dimensions, thickness, width, length, square

- a. For thickness tolerances, use the table below.
- b. For width and length, PaperStone panels are cut slightly larger than the stated dimensions, up to .5 inches.
For square, the panels are measured corner to corner to ensure a tolerance variance of .125" – 3mm.



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PaperStone Thickness Tolerance Chart for Europe Distribution

2mm	1.75	2.05	0.069	0.081
3mm	2.79	3.00	0.110	0.118
4mm	3.68	4.00	0.145	0.157
5mm	4.68	5.00	0.184	0.197
6mm	5.58	6.34	0.220	0.250
8mm	7.68	8.00	0.302	0.315
10mm	9.60	10.00	0.378	0.394
12mm	11.40	12.00	0.449	0.472
13mm	12.30	13.00	0.484	0.512
14mm	13.40	14.00	0.528	0.551
19mm	18.27	19.04	0.719	0.750
25mm	24.37	25.38	0.959	0.999
30mm	29.60	30.40	1.165	1.197
32mm	30.97	32.00	1.219	1.260

For Fabrication and Finishing instructions refer to:
<https://paperstoneproducts.com/wordpress/fabrication-and-finishing/>



Sustainable Composite Surfaces by

Paneltech

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