NEENAH CLASSIC LINEN

Sensible Luxury… few premium papers offer the consistent visual texture, comparable tactile sensation and reliability on press. As always CLASSIC Linen has watermarked Writing papers, and colors to match any of the other CLASSIC brands. The expanded product offering is more luscious than ever and raises the bar to an entirely new level. Sustainable Luxury… Each and every sheet is FSC

Certified and made Carbon Neutral. Our improved 100% post-consumer Recycled 100 Bright White is brighter and whiter and available in more weights and sizes.
Luxury Meets Digital… The CLASSIC Linen Digital Portfolio matches the CLASSIC CREST Digital Portfolio to mix and match Smooth and Textured choices perfectly. Available in 3 colors, 4 weights and 4 digital sizes. Our

universe Digital Finish is compatible with all digital presses such as HP Indigo, Xerox iGen, and Kodak NexPress. For more information on digital printing and presses visit www.neenahpaper.com/digital.
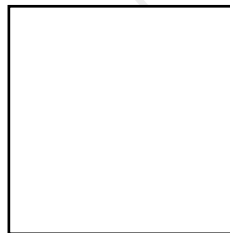
Print Performance Guarantee…
CLASSIC Linen Writing, Text and Cover Papers are guaranteed to print to your satisfaction or your money back.
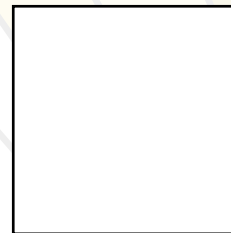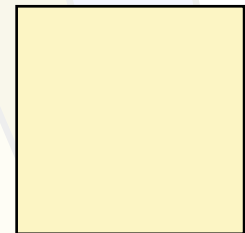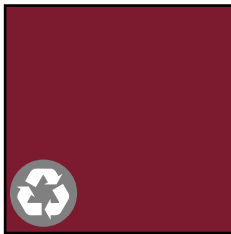
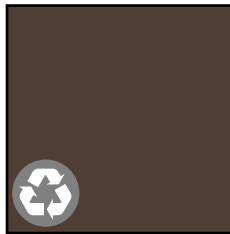ANTIQUE GRAY
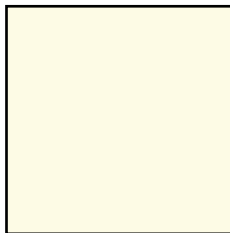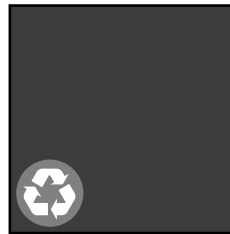
WHITE PEARL

AVALANCHE WHITE
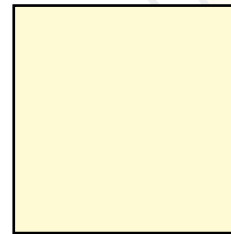
AVON BRILLIANT WHITE

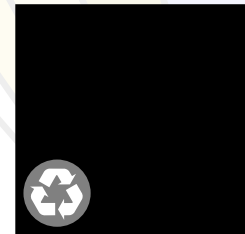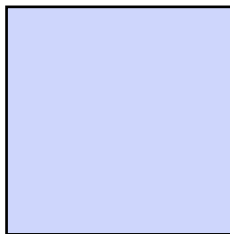BARONIAL IVORY

BURGUNDY

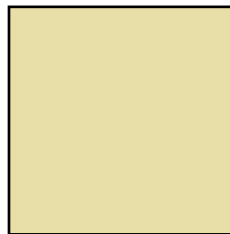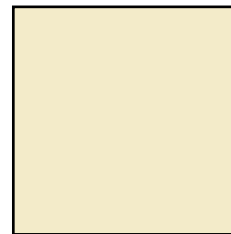CANYON BROWN

CHARCOAL

CLASSIC NATURAL WHITE

EPIC BLACK

GOLD PEARL
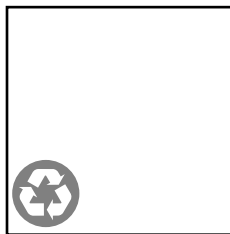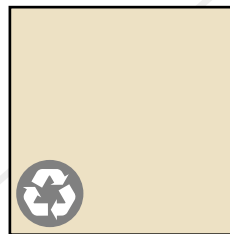
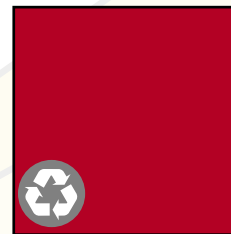HAVILAND BLUE

MONTEREY SAND

NATURAL WHITE PEARL

PATRIOT BLUE

PONDEROSA PINE

R 100 BRIGHT WHITE

R 100 NATURAL WHITE

RED PEPPER
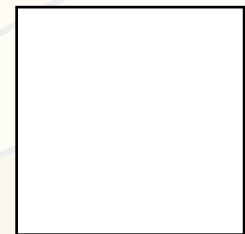
SOLAR WHITE

NEENAH PAPER · CLASSIC LINEN

MyBinding.com
When Image Matters.

contains recycled content

NEENAH CLASSIC LINEN

CLASSIC Linen's subtle embossed finish is truly elegant; a basic requirement for crisp business presentations.

- North American printers' most preferred linen finish paper.

- Print performance guaranteed.

- Writing, Text, Cover and Duplex Papers are available.

- 26 color choices available all FSC Certfied.

- 7 whites including:
Avalanche White, Solar White, Recycled 100 Bright White, Avon Brilliant White, Classic Natural White, Recycled 100 Bright White, and Baronial Ivory.

- 12 recycled options

- 100% post consumer Recycled 100 Bright White.

- Made Carbon Neutral Plus.

- Digital offering featuring NEW colors, sizes and weights.
 Writing and Text weight papers are laser and ink jet guaranteed.

- Digital Finish papers are HP Indigo certified.

WHITESTONE

INDIGO ICE

SAGE GREEN

SILVERSTONE

GRAYSTONE

AUGUSTA GREEN

CANYON BROWN/
AVALANCHE WHITE

GRAYSTONE/
WHITESTONE

PONDEROSA PINE/
BARONIAL IVORY

CHARCOAL/CLASSIC
NATURAL WHITE

PATRIOT BLUE/AVON
BRILLIANT WHITE

EPIC BLACK/RECYCLED
100 BRIGHT WHITE

EPIC BLACK/
CHARCOAL

NEENAH PAPER · CLASSIC LINEN

My**Binding**.com
When Image Matters.
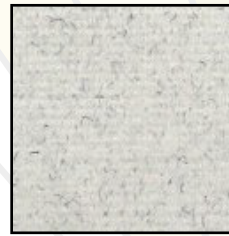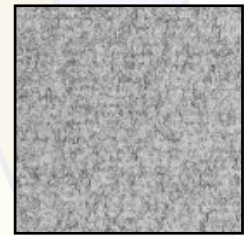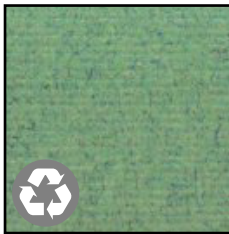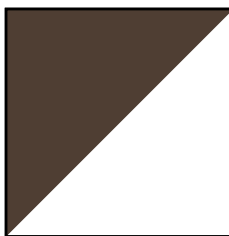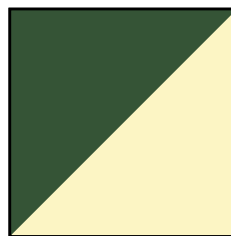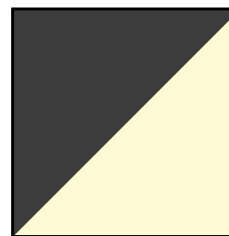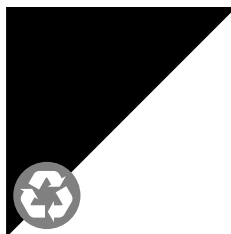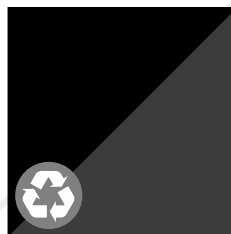
♻ contains recycled content

NEENAH CLASSIC LINEN

CLASSIC Linen's subtle embossed finish is truly elegant; a basic requirement for crisp business presentations.

- **NEW Pearl colors: 3total**
- **NEW Canyon Brown and Burgundy**
- **NEW 100lb Text weight in 3 colors**
- **More cut-size in popular colors/weights**
- **More 130lb Double Thick Covers**
- **NEW Canyon Brown / Avalanche White Duplex Cover**

Production Considerations

Product & Scoring Information
Due to the bulk and stiffness of heavy weight and laminating covers, care must be taken when scoring and folding to avoid fiber cracking or lifting on the fold(s).

General Guidelines

- Prior to folding, always properly score the paper.
- The best scores are usually achieved on a flatbed press.
- Normally, score and fold with the grain of the paper.
- When possible, score the paper when it is still moist from the litho press fountain solution.
- A creasing rule/channel score works well on cover weight papers.

THE FOLLOWING COMBINATIONS OF CREASING RULES/CHANNELS RULES ARE GENERALLY STARTING POINTS. EXPERIMENTATION IS RECOMMENDED.

- With the grain: 2 point rule with a 40 or 50 channel for 80lb cover
- Against the grain: 2 point rule with 50 or 60 channel for 80lb cover
- With the grain: 2 point rule with a 60 or 90 channel for double thick and duplex cover
- Against the grain: 2 point rule with a 90 or 105 channel for double thick and duplex cover
- Intersections where two or more rules meet may require filling down the channels

When scoring a 100lb or heavier presentation folder, a double score, which creates a gusset for the spine, is recommended. The gusset should be at least 1/8", particularly when the folder has numerous insert sheets.

Complex folders and covers should always be hand folded.
Consider lighter screen tints or eliminate ink coverage over score areas to minimize highlighting of paper fibers along the fold, especially when scoring against the grain. This is particularly important to consider on cover, duplex cover and double thick cover papers.
Thank you for your use of heavy weight covers. These papers as well as Neenah Paper's entire breadth of premium writing, text and cover gradelines provide you with an unmatched level of product quality and innovation, for your imaging needs.
For more information on Neenah Papers, contact the Neenah Paper Service Center at 1-800-558-5061

PEARL PAPERS

When printing on CLASSIC Linen Pearl papers, total area coverage should be kept under the 260% range. In general, 150-200lpi screen ruling is recommended to alleviate long drying times. The pearl surface is designed to show through the ink and some decrease in image contrast is to be expected.

INK

When printing on CLASSIC Linen Pearl papers, the use of fully oxidizing inks are necessary. CLASSIC Linen Pearl papers are sealed with a coating and therefore have a totally non-absorbent surface. Your ink supplier is the best resource.

PRINTING

The cylinder blankets should be packed thicker than usual to ensure smooth ink coverage when printing on CLASSIC Linen Pearl papers. CLASSIC Linen Pearl papers may also require additional squeezing on press. When printing, maintain a fountain solution pH balance between 4 and 6 and run water at absolute minimal levels, even to the point of ink scumming. For lower print coverage we recommend ink consumption strips on press. It is normal for a minimal amount of surface coating particles to transfer to the printing blankets; however they should not impede with print production anf are cleaned effectively with typical blanket washing devices.

INK DRYING

CLASSIC Linen Pearl papers are non-porous, and therefore non-absorbent. Large particles spray powder, small lifts (not to exceed 4" in height and may require less pile height depending on the amount of ink coverage), and additional drying time are necessary prior to other converting steps. The use of infrared heating on press may retard ink drying; however, UV printing presents no issues. Drying times of 24 to 48 hours may be expected if unassisted.

VARNISH

When printing on CLASSIC Linen Pearl papers, adding a varnish will not enhance the appearance. In some cases it may alter the appearance. Pretesting is recommended.

AQUEOUS COATING

Aqueous coating can be used to improve turnaround time but will tend to lessen the special effect of the pearl color.

FOIL STAMPING

When utilizing CLASSIC Linen Pearl papers, foils compatible with non-porous substrates are recommended. Pretest to determine the proper foil, heat conditions, and pressure required for the best results.

NON-IMPACT PRINTING

CLASSIC Linen Pearls papers are suitable for laser and monochrome ink jet printing. However, consideration should be given to equipment paper weight restrictions and pretesting for optimal print results is recommended.

SHADE

Some variation in the shade from run to run with Gold Pearl is normal.

GLUING

For CLASSIC Linen Pearl papers, hot melt or acrylic type glues are recommended.

NEENAH CLASSIC LINEN

PAPER SPECIFICATIONS

GRADE (BASIS)	OPACITY	CALIPER
CLASSIC Linen Papers		
Writing (24)	91	4.5
Text (70)	95	4.8
Text (80)	96	5.6
Text (100)	96	6.9
Cover (80)	98	10.4
Cover (100)	98	12.5
Double Thick Cover (130)	99	17.0
Duplex (120)	99	15.5
CLASSIC Linen Papers, Digital		
Text (80)	96	5.6
Text (100)	96	6.9
Cover (80)	98	10.4
Cover (100)	98	12.5
CLASSIC Linen Papers, Pearl		
Text (80)	94	5.6
Text (84)	98.5	11.5
Cover (115)	99.3	15.6

COLOR	BRIGHTNESS	WHITENESS
Avalanche White	99+	136
Solar White	97	145
Recycled 100 Bright White	95	125
Avan Brilliant White	93	93