

Artcare™ Age-Defying Protection

Artcare products feature the patented MicroChamber® technology that provides a preventative conservation protection unavailable with other matboard. A unique combination of zeolites and buffers traps and neutralizes oxidizing gasses, other pre-acidic gasses, and degradative by-products – giving Artcare boards the ability to actively protect art and photographs against attack by external pollutants and internal vices.

Museum Quality Protection

Only Artcare offers active preservation for treasured art and photographs that your customers will value forever.

	Artcare™ Archival Matboards	OTHER Conservation Matboards
Slows art and paper degradation	YES	NO
Neutralizes acid by-products	YES	NO
Protects against damaging pollutants	YES	NO
Acid-free and lignin-free	YES	YES
Fade and bleed resistant	YES*	YES*
Buffered to maintain alkaline pH	YES	YES

* Bainbridge audits every production lot to ensure conformance to industry standards for optimum fade and bleed resistance. Not all conservation matboards meet these stringent standards. Does not apply to fabric surfaces.

See the Artcare Difference



Artcare™ Archival Protection



OTHER Archival Protection

In independent lab tests, the images above were exposed to concentrated doses of nitrogen dioxide, the most common air pollutant. Both were tested in the same testing chamber for the same length of time. Neither were exposed to light during testing. The results prove the proactive performance of the Artcare Archival System.

Alphamat Technical Specifications

Furnish:

100% virgin alpha-cellulose fiber which meets the most stringent standards for stability and permanence. Tests conducted in accordance with TAPPI Method T-236 om-85 indicate the board to be free of groundwood and lignin.

pH value:

An alkaline pH of 8.9 +/- .4 indicated using TAPPI Method T-509 om-88 cold extraction on slurried pulp.

Buffer:

Alkaline reserve of 3-5% measured by ANSI IT9.2-1991 Sec 5.2.

Molecular Traps:

Contains molecular traps synthesized specifically for adsorption of air pollution gasses and degradative by-products of artwork, photographic media and wood mouldings.

Color Fastness:

Fade resistance established using a Xenon Fadometer in accordance with ASTM D3424. Alphamat colors exhibit less than 2.5 point brightness shift.

Bleed Resistance:

No bleed visible after 48-hour submersion using method FACTS EXPMMB-2000 Sec.10.03.

Resistance to Aging:

Samples tested in air circulation oven for 12 days at 100°C and for 10 days in temperature humidity chamber at 100°F and 90% relative humidity. All board components remained unchanged in appearance and strength.

Sizing & Adhesives:

Water-based alkaline adhesive with no solvents is used to adhere component parts of Alphamat boards.

Meets quality standards set by the Fine Art Trade Guild