

Acqua for Healthcare Environments

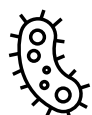
The healthcare environment is demanding on healthcare professionals and on finishes and surfaces as well. Acqua is the only natural leather capable of providing comfort and beauty while gracefully withstanding the extraordinary stresses of the healthcare environment.



Acqua repels water.

AATCC Test Method 22, Water Repellency: Spray Test Rating: 80

This test is used to determine if a material repels water. The rating of 80 indicates that some water collected on the surface of the leather at the spray point, however there was no absorption beyond the surface. Based on a rating of 80, the leather can be identified as water repellent.



Acqua resists the growth of bacteria.

AATCC Test Method 100, Antibacterial Finishes on Textile Materials (Quantitative Test) Staphylococcus aureus – 99.93% Reduction of Bacteria
Klebsiella pneumoniae – 99.94% Reduction of Bacteria

This test is used to determine if there is a sign of significant bacterial growth. Ideally, there should be little or no growth. Bacteria for both specimens were reduced by nearly 100%.



Acqua resists water penetration.

AATCC Test Method 127, Water Resistance: Hydrostatic Pressure Test Sample #1 – 115.0 cm
Sample #2 – 163.0 cm
Sample #3 – 108.0 cm

This test determines the amount of pressure required to force water through a material. The water pressure (measured in centimeters (cm) and recorded at the point of breakthrough) is normally tested to 100 cm of pressure. The results for the three samples averaged 129.0 cm.



Acqua resists noticeable staining.

AATCC Test Method 130, Stain Release: Spot Clean Method

Blood: Immediate Blotting Grade 5.0;
Cleaning After 24 Hours Grade 5.0 (No Staining)

Urine: Immediate Blotting Grade 5.0;
Cleaning After 24 Hours Grade 5.0 (No Staining)

Bleach: Immediate Blotting Grade 5.0;
Cleaning After 24 Hours Grade 5.0 (No Staining)

Betadine: Immediate Bleach Cleaning Grade 4.5-5.0;
Bleach Cleaning After 24 Hours Grade 4.5
(Slight to No Staining)

This test is used to determine the amount of staining created by blood, urine, bleach, and betadine on the surface of the leather. The staining agents are applied directly to the surface of the leather. One set of stains is cleaned after 5 minutes and another set of stains is left for 24 hours and then cleaned. The stained areas are then evaluated to the AATCC Grey Scale and given a numeric rating from 1 through 5 (Grade 1 – Severe Staining through Grade 5 – No Staining). Blood, urine, and bleach were all cleaned off of the leather surface using only mild soap and water. The betadine stain was almost completely removed with bleach solution.



Acqua resists cigarette ignition.

UFAC Test Method 1990, Cigarette Ignition Resistance of Fabric for Use in Upholstered Furniture Rating: Class I – No Obvious Ignition

This test is used to determine if a material will catch fire if a lit cigarette is dropped on it. The cigarette on three Acqua samples extinguished before the leather ignited. A Class I rating is the highest possible score for this test.