



Science.
Applied to Life.™

Technological solutions and
scientific research for the
conservation and protection of

Cultural Heritage



3M science for the protection of heritage

For many years alongside organizations and institutions, 3M has been working to enhance the dialogue between the actors involved, promoting collaborations and training. A commitment at the base of 3M technologies, designed to meet the needs of museums, archives, libraries. One example is solar control films, which protect the exhibited works from damage from ultraviolet rays. Or Novec™ 1230, the revolutionary fire-fighting fluid which, in contact with paper, evaporates without damaging it and without polluting. Innovative solutions to protect the collective culture and project it into the future, preserving our history and our safety.



3M science to protect the cultural heritage. The management of cultural heritage is a multidisciplinary discipline: synergic efforts and awareness of the risks that historical works face every day are needed to protect priceless assets.



Find out how we protect heritage



Protection
of people,
structures and
cultural assets



Control and
safety in
the spaces
and assets
management



Restyling of
the spaces

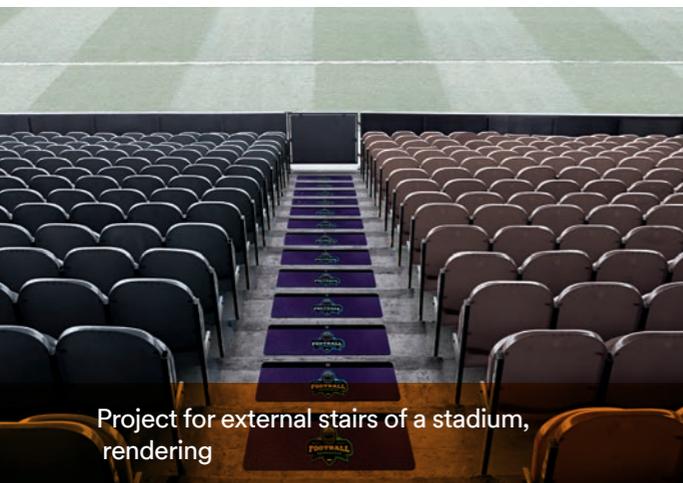


Restoration

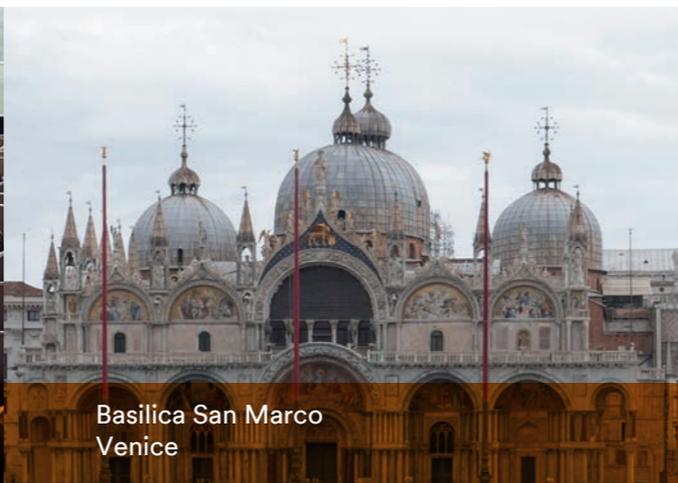


Protection of people, structures and cultural assets

To ensure high levels of safety and hospitality, choose 3M solutions. A series of technological innovations built on science, to offer your visitors an unforgettable experience.



Project for external stairs of a stadium, rendering



Basilica San Marco
Venice



Madama Palace,
Turin



D'Arco Palace,
Mantua

Protection and safety

One of the most frequent dangers, wherever there is a human activity, is that of falling due to slippery surfaces. Invest in prevention thanks to the **3M Safety-Walk™** anti-slip solutions: a complete range of products designed to minimize the risk of falling, in any situation.

3M Safety-Walk™

Functional and elegant entrances

A cleaner, safer building, starts at your front door. The soles of the shoes carry dirt, dust and water, impacting not only in terms of image but also on the visitors safety, cleaning and maintenance costs. **3M Nomad™** matting solves these problems, both in design and renovation projects.

3M Nomad™

Performing windows

Making glazing more resistant provides greater protection for people and cultural property. **3M Safety Series** safety films achieve this goal by preventing accidents, breakages, vandalism and natural disasters. In addition, they help to make the glazing legally compliant.

3M Safety Series

Fire protection

3M Novec 1230 fluid has the highest margin of safety. It does not damage paper and electronic devices, leaving everything printed, drawn, painted, written unaltered. It evaporates fifty times faster than water and does not penetrate the materials it comes into contact with. This means that a book completely submerged in 3M Novec™ fluid, once extracted, will dry in less than a minute.

3M Novec™



Control and safety in the management of spaces and assets

Control and safety of spaces are fundamental aspects for all buildings that preserve cultural heritage. Getting the most out of cost savings is not impossible: just choose suitable solutions, capable of preserving the cultural works and the well-being of visitors.



Peggy Guggenheim Collection
Venice



Pinacoteca di Brera
Milan



Madama Palace,
Turin



Archaeological excavations of Pompeii,
Naples

Solar control

3M invented **3M Night Vision and Prestige Window Films Series** more than fifty years ago and has spent the last few decades working on improving them. Thanks to constant innovation, today it is possible to preserve artistic assets from the effects of UV and infrared rays, without sacrificing the brightness of the environments.

3M Night Vision and Prestige Series

Light control

Modulating the spread and homogeneity of light is necessary to ensure adequate visibility. **3M Scotchcal™ Blockout** light management films ensure that works of art are properly illuminated in all conditions, presenting them to the public in the best possible way.

3M Scotchcal™ Blockout

Graphic solutions

3M graphics, combined with a wide range of security tapes and labels, allow you to decorate, advertise and protect spaces, satisfying different tastes and needs. Guaranteed and certified technologies to provide long-lasting graphic and signage solutions.

3M Graphic Solutions



Restyling of the spaces

For architectural and interior design, 3M offers state-of-the-art creative solutions. Architectural finishes to suit every environment, combining aesthetics and functionality.



Convent of the Carmelite Fathers
Lecce



Pietrasanta theatre,
Lucca



Madama Palace,
Turin



MUDEC Museum of Cultures
Milan

Paints and wall coverings

Anti-condensation and heat reflective paints and coatings formulated with **3M™ Glass Bubbles** increase the performance of buildings undergoing restoration, allowing interventions without aesthetic or structural changes. They reduce humidity, prevent the onset of mold and improve the thermal insulation.

3M Glass Bubbles

Transformations and restyling

3M architectural finishes simplify restyling projects. **3M DI-NOC™** adapts to many surfaces, is flexible and thermoformable. **3M Whiteboard & Blackboard** adhesive coatings turn a wide variety of surfaces into a chalkboard or a projection screen.

3M DI-NOC™

Functional entrances

3M Nomad™ Aqua Textile matting solves problems in both design and renovation projects of valuable areas. It does not only remove dirt and water that could damage valuable parts of the structure, but it can also help to conceal and preserve areas that could be damaged by heavy shoe traffic.

3M Nomad™ Aqua Textile

Premium glass finishes

3M FASARA™ glass finishes are technologically advanced, manufactured in line with the latest market trends. Versatile solutions that meet a variety of needs: from privacy protection to decoration, without ever compromising on personalisation and creativity.

3M FASARA™



Restoration

Thanks to the know-how in the world of abrasives and adhesives, 3M provides to restores effective and safe products. Advanced technologies ensure that optimal results are achieved even in the most delicate applications, such as film restoration. Furthermore, 3M protects health in the workplace, with a wide range of PPE suitable for all professional needs.



Massimo Campigli.
La spiaggia. 1937



Our commitment for sustainability

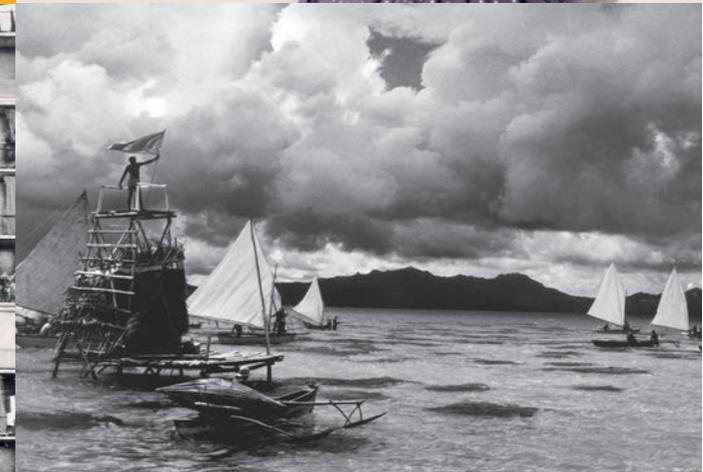
*3M has been on its path
in sustainability for many
years, constantly striving to
respect the environment and
improve processes.*

From 2019, every new launched 3M product has to meet the Sustainability Value Commitment, an evaluation system that certifies its impact in terms of reusability, recyclability, responsible sourcing. This means incorporating sustainability right from the conception of the approximately one thousand products launched each year on the market. In 2021 we defined new environmental goals: achieving carbon neutrality, reducing water waste and improving its quality. A green history made up of continuous steps forward, to protect the future of the planet, environmental resources and communities. Striving, every day, towards a single goal: to improve every life.



Fondazione 3M is a permanent cultural institution, a hub for dissemination and training, where science, art and culture are promoted and valued.

Among its main resources, the Photographic Archive stands out, inherited from the historic company Ferrania. Over one hundred thousand images tell the evolution of our customs and civilization.





Innovation is part of our DNA

At 3M, we apply science in collaborative ways to improve lives daily. With \$32 billion in sales, our 96,000 employees connect with customers all around the world. Learn more about 3M's creative solutions to the world's problems at www.3M.com or on Twitter @3M or @3MNews



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