Pradditive®
Co-leading the bold since 1997

BUSINESS CASE

IBPA®

MNAC CATALONIA NATIONAL MUSEUM OF ART

Innova Gallery (2022)
Barcelona
Spain

ISO 9	ISO 8	% -67,8	% -73,3
ORIGINAL IAQ	**IBPA® IAQ ACHIEVED**	BACTERIA REDUCTION	MOLD REDUCTION

OBJECTIVES:

Indoor air quality is vital in the **preservation of museum heritage.** In 2022, the MNAC - Museu d'Art Nacional de Catalunya, pioneered the choice of **IBPA® for the reduction of the exposure of the works of art under custody to physical and chemical agents present in the polluted air** such as suspended particulate matter, mold and bacteria colonies, and suspended volatiles responsible for their pigment oxidation **is paramount in their preservation** for generations to come.

IBPA® improved the original air quality from ISO9 to ISO8 in the respiratory area and after complete air renewal.

SOLUTIONS:

IBPA® integration to the existing HVAC system (retrofit), without disturbing works, with the building in operation, without replacing the original filtration:

- Design of the IBPA solution for Innova Gallery.
- Project Management, installation and commissioning of the IBPA (Comissioning).
- Certification of the result obtained by CAI/IAQ accredited laboratory.

Results obtained with IBPA®:

	ISO	PM 5	PM 0.5	BACTERIAS	HONGOS
SIN IBPA:	9	71.378	2.507.420,49	30	30
CON IBPA:	8	7.420	1.331.802	10	8
	REDUCCIÓN:	89,6%	46,9%	66,7%	73,3%

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