

## What is ArchitecturalPlus-serie1.

With the new "ArchitecturalPlus-serie1" line of products, Europolveri wanted to condense 30 years of experience and laboratory work by formulating a series of powder paints conceived to offer tangible solutions and to meet specific needs of architects and designers in terms of both functional performance and aesthetic value.

The Europolveri laboratories and the R&D department have selected over time the raw materials and identified the most suitable formulae to give the treatment the characteristics and performance requested by the customer, in relation to the environmental location of the (treated) structure or the manufactured item. Environments where corrosive and degenerative factors are present, such as UV radiation (considerably increased in recent years), the humidity and salinity, alone or combined with the action of other exogenous agents, require treatments that are able to ensure a high degree of protection and therefore durability of the treated structures or products, while at the same time guaranteeing aesthetic effects that enhance the design of the project and/or product.

The powder paints in the "ArchitecturalPlus-serie1" line have undergone strict tests in both natural and artificial environments, achieving results that guarantee their correspondence with the reference parameters of the main certifications.

The table below illustrates the correspondence with the international approval parameters for architecture.

QUALICOAT	GSB	AAMA	FLORIDA TEST ISO 2810	CHEMICAL BASE
CLASS 1	STANDARD	2603	1 YEAR	POLYESTER
CLASS 2	MASTER	2604-5	3 YEARS	SUPER-DURABLE POLYESTER
CLASS 3	PREMIUM	2605	5 YEARS	FLUORINATED POLYMERS

A wide selection in terms of finish and resistance.

Advanced solutions for architecture and design.

ARCHI  
TEC PLUS  
TURAL SERIE 1

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### POWDER TECHNOLOGY

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# ARCHI TEC PLUS TURAL

**SERIE 1**

Over the years powder coating treatments have become increasingly more important and represent a fundamental choice for architects and designers for architectural finishings, furniture and design items. In this context the role of powder coatings derives from the fact that it gives the possibility of choosing from a wide range of products with an ever-increasing level of specialization, making it one of the key elements that contributes to the final result of a project, not only in formal aesthetic terms but also in terms of functionality and duration.

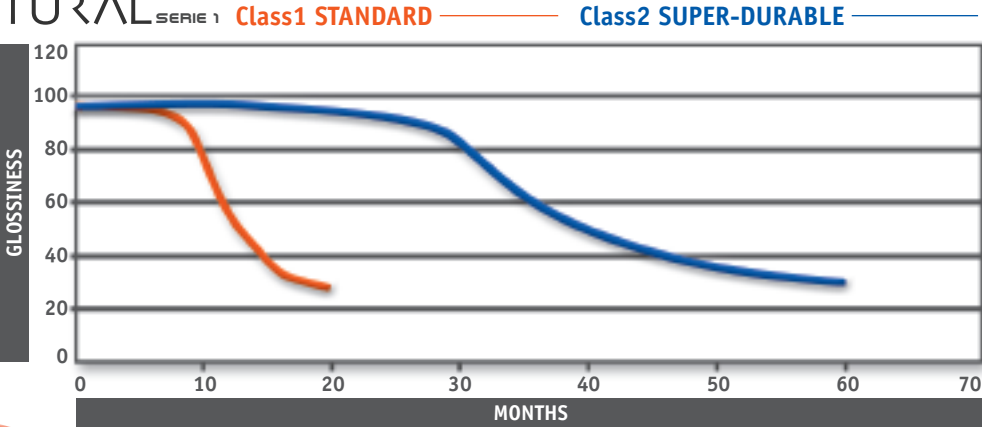
For thirty years Europolveri's powder coatings have represented, thanks to their technology, applicability, specific characteristics and variety, a point of reference for the surface treatment of several types of objects.

## Product types.

The new product series "ArchitecturalPlus-serie 1", based on polyester resins, includes the STANDARD (class1) line of powder coatings and the SUPER-DURABLE (class2) line, each having a wide range of colour shades, gloss levels finishes (matt, semi-gloss, gloss) and various surface effects (smooth, wrinkled, metalized, etc.).



The graph and following tables show the resistance to natural exposure in Florida (USA) of a treated item with an ArchitecturalPlus-serie 1 **Class1 STANDARD** product, compared to one treated with **Class2 SUPER-DURABLE** product.



	QUALICOAT CLASS1	QUALICOAT CLASS2
Artificial atmosphere	1000 hours Sun Test (ISO 11341)	1000 hours Sun Test (ISO 11341)
Gloss variation	Less than 50% of the initial value (ISO 2813)	Less than 10% of the initial value (ISO 2813)
Colour variation (DE)	Within the limits of the QUALICOAT specifications for each colour (ISO 7724/3)	Max 50% of the QUALICOAT specifications for each colour (ISO 7724/3)
Natural atmosphere	12 month florida test (ISO 2810) 5° to the south	36 month florida test (ISO 2810) 5° to the south
Gloss variation	Less than 50% of the initial value (ISO 2813)	After 1 year less than 25% of the initial value (ISO 2813) After 2 years less than 35% of the initial value (ISO 2813) After 3 years less than 50% of the initial value (ISO 2813)
Colour variation (DE)	Within the limits of the QUALICOAT specifications for each colour (ISO 7724/3)	After 1 year 65% of the limit specification After 2 years 75% of the limit specification After 3 years within the limits of the (ISO 7724/3) spec.

	GSB STANDARD	GSB MASTER
Artificial atmosphere	300 hours QUVB test (ISO 11507)	600 hours QUVB test (ISO 11507)
Gloss variation	Less than 50% of the initial value (ISO 2813)	Less than 50% of the initial value (ISO 2813)
Colour variation (DE)	Assessment not required by specific GSB	Assessment not required by specific GSB
Natural atmosphere	12 month florida test (ISO 2810) 5° to the south	36 month florida test (ISO 2810) 45° to the south
Gloss variation	Less than 50% of the initial value (ISO 2813)	Less than 50% of the initial value (ISO 2813)
Colour variation (DE)	Within the limits of the GSB specifications for each colour (ISO 7724/3)	Within the limits of the GSB specifications for each colour (ISO 7724/3)

The range of products of the "ArchitecturalPlus-serie 1" line can be also widened and diversified by adapting the formula in chromatic and finishing terms, maintaining its applicability and technical performance unaltered.

## The plus sides of ArchitecturalPlus-serie1.

- A wide available range in terms of chromatic variety, effect and surface finish, which are all ready for delivery
- Guaranteed assistance for specific formulae required by architects and designers
- Fully tgic-free products
- Guaranteed in terms of performance
- Qualicoat Certified
  - GSB Certified
  - Compliance with the AAMA regulations

For more features, specifications and information contact:  
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