Combine aestheticism and steel? Choose Muralys, and all becomes possible!
From dream to reality!

True technological revolution and esthetics in the world of architecture, the process of printing Muralys on steel opens the doors of your creativity. Resulting from a particularly innovating technology: the Molecular Digital Transfer, the Muralys process is completely adapted to the solutions Arval by ArcelorMittal and to the most constraining technologies.
Muralys Creativ
Image unique façades in the world!

Muralys Créativ : an unique technology for creativity

Thanks to a very innovating technology, the Molecular Digital Transfer, each part of the decoration is directly printed on the steel product Arval by ArcelorMittal with a high definition resolution. The image is then immediately protected by a protective varnish layer. The process is adapted to various supports, sidings, cassettes, panels, profiles, etc., for heights going up to 7 cm. The maximum dimension of each element is 6.4 meters length and 1.8 meters width.

Layer of protective varnish
Print of the image
Product Arval by ArcelorMittal

An innovation to release your imagination

Thanks to Muralys Creativ it becomes possible to reproduce every kind of image or picture designed by the architect or the owner on a product Arval by ArcelorMittal. All the ideas are possible, even the most extravagant because the resolution of printing is stunning. All the freedoms are allowed, in outside as in interior, installation being able to be carried out vertically or horizontally according to the solution Arval by ArcelorMittal Muralys respects the initial structure, reveals an unequalled esthetical made and profits from a warranty with an incomparable longevity.

A strong visual impact

Beyond the forms, the facade determines the character of the building in its environment. The first visual effect is considerable:

- Visual identity of the company
- Reference in the landscape
- Integration in the environment

To create a single world
Muralys **Collection**

16 exclusives models for an original façade!

Inspired by the current architectural trends, Muralys, the process of impression on steel of Arval by ArcelorMittal is declined in 16 exclusive models for an original collection. A range of high efficiency adapted to your originality!

**Choose the trends**

Created by a team of designers to answer the architectural trends, Muralys Collection emphasizes perfectly the facades. Used as elements of architecture, the 16 exclusive models will enable you to express all the singularity of your project, whatever its size. Choose reproducible decorations imitating the original matters (metal, vegetals or mineral) and *let speak your inventiveness, in the cultural and historical respect of your building.*

**Choose the performance**

- **Technical Performances**: resulting from a technology developed for ArcelorMittal Construction, Muralys combines high definition digital printing and extremely resistant resin with anti-UV and anti-graffiti properties. Contrary to the other processes, the Muralys solution uses a the system of molecular transfer into the thermosetting coating.

- **Performances on building site**: available on many products of the range Arval by ArcelorMittal, Muralys Collection, allows a great availability and a quick delivery.

- **Sustainability**: Product Arval by ArcelorMittal made of steel are fully recyclable at the end of the lifetime. The pigments used in the coating are heavy metals-free.
Let be inspired by our 16 exclusive models

7 metallic inspirations
5 mineral influences
4 natural oils
Muralys technology to serve your project

Compatible Arval products *

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<tbody>
<tr>
<td>Hairplan</td>
<td>ST</td>
<td>Coques MD</td>
<td>Cassettes BS</td>
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<tr>
<td>Width: 300 mm</td>
<td>Different widths are available</td>
<td>Thickness limited to 65 mm</td>
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| Trapeza        | Fréquence      | Promplan       | Promisol S1000 |
| Sandwich panels | Limited thickness: 60 mm |

The image can be printed on a profile, but with a blur effect. Maximal variation: 10 mm. Profils with length max 25 mm are recommended.

* Other products, consult us.

An exceptional quality

Muralys technology meets into force the most demanding standards in the sector of construction:

- Adhesion according ISO 2409 (1994)
- Gloss according ISO 2813 (1994)
- Choc resistance according ASTM D 2794 (1993)
- Resistance to sulfur dioxide containing humidity according EN ISO3231
- Anti-graffiti warreby - homogated by RATP (French railway)

Very high performances

- Picture, drawing, specific graph, matter effect (stone, water, fabric, etc.), logos or letter can be used to create the decoration for Muralys Créativ.
- Returned colors is ultra-realistic and infinite thanks to the quadrichromy.
- Colorissime® from Arval by ArcelorMittal allows to harmonize with the Muralys panel the others non printed panels
- To complete the 4 primary colours, the white is printable in order to create contrast and relief, in order to write sentences.....
- The perforated supports allow to play with the light.
Muralys Collection: 16 exclusive models

Metallic Inspirations

- Metal discs
  REF. VTS-03
- Indaten
  REF. VTS-04
- Curved Metal
  REF. VTS-05
- Diamond Cubes
  REF. VTS-06
- Metallic Tiles
  REF. VTS-07

Mineral influences

- Natural stone
  REF. VTS-08
- Concrete
  REF. VTS-09
- Red Brick
  REF. VTS-10
- Pâte de Verre
  REF. VTS-11
- Marble
  REF. VTS-12

Natural oils

- Kraft paper
  REF. VTS-13
- Wood of Bamboo
  REF. VTS-14
- Old wood
  REF. VTS-15
- Ivy
  REF. VTS-16

The warranty Muralys

10 years of warranty
The process of printing Muralys is guaranteed 10 years against external aggression. At the end of this duration and according to various tests validated in laboratories, a light deterioration of colours could occur but not easily visible for the human eye.

Muralys is resistant against bactericidal agents, against detergent, and is fire-classified M1.

Anti-graffiti
Ensure a fast cleaning in the event of degradations. The product is homologated by RATP.

Anti UV
Tested by different laboratories (CSTB, CNEP)

Sustainable
The polymers and the pigments used for the transfer of the image are guaranteed heavy metals-free.