



ArcelorMittal

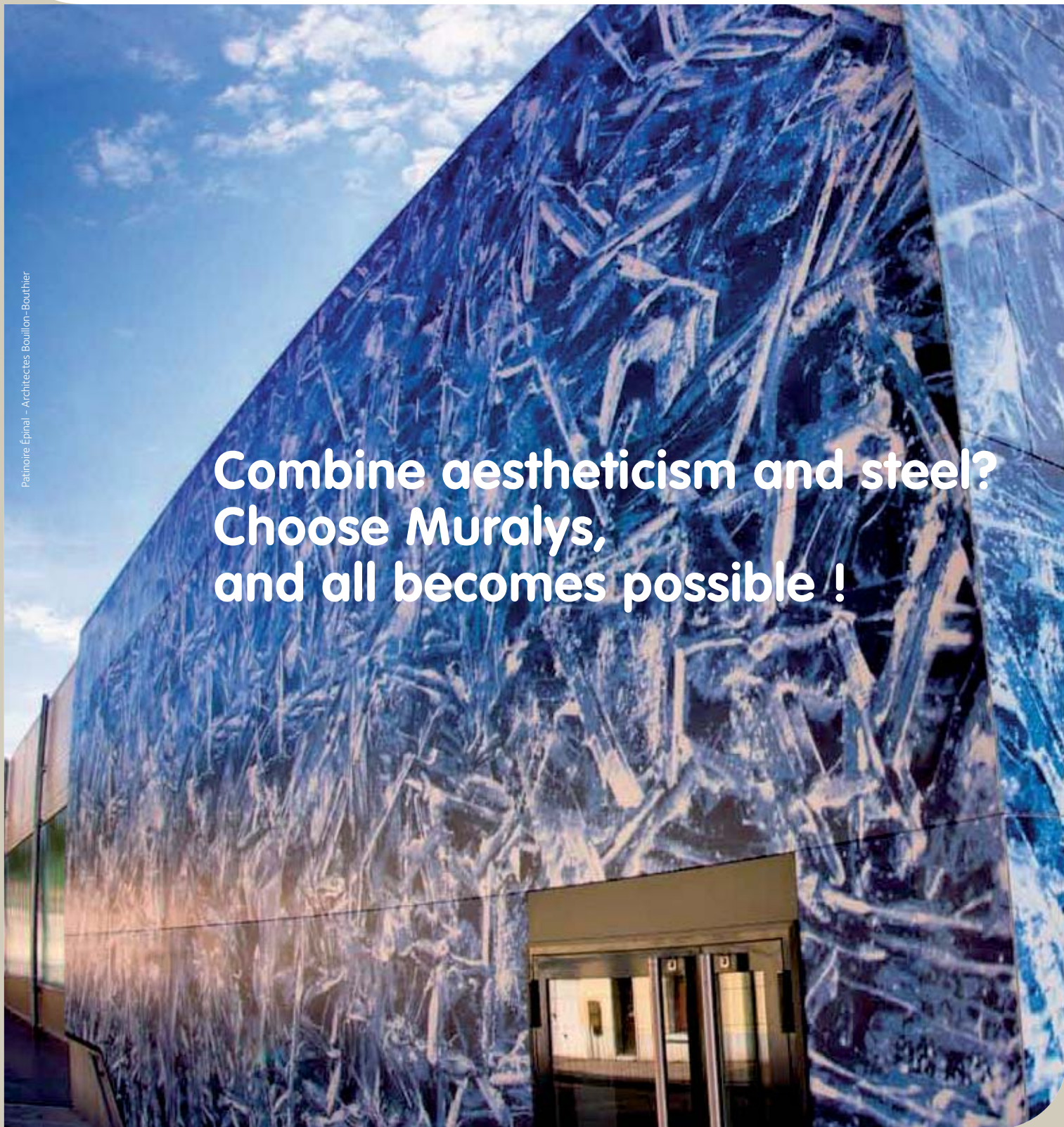
# Arval

by ArcelorMittal

# Muralys

Patinoire Épinal - Architectes Bouillon-Bouthier

**Combine aestheticism and steel?  
Choose Muralys,  
and all becomes possible !**



# Muralys

## 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.

Arena Montpellier - A+ Architecture



# 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 ,... for heights going up to 7 cm. The maximum dimension of each element is 6.4 meters length and 1.8 meters width.



### 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:**

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

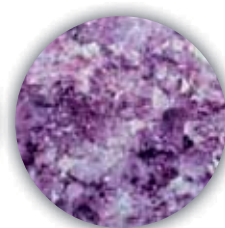
To create a single world



Pictures



Letters



Texture

# 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

**n 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.

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

**n 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

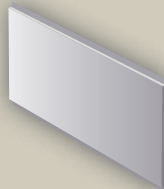
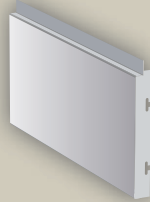
## Compatible Arval products \*

Hairplan

ST

Coques MD

Cassettes BS



Width : 300 mm

Different widths  
are available

Thickness limited to 65 mm

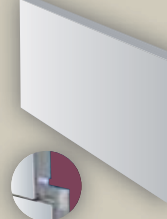
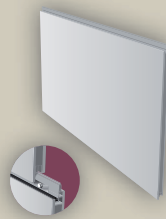
Trapeza

Fréquence

Promplan

Promisol S1000

Planéa



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

Sandwich panels  
Limited thickness: 60 mm

\* other products, consult us.

## An exceptional quality

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

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

## Very high performances

- n picture, drawing, specific graph, matter effect (stone, water, fabric, etc.), logos or letter can be used to create the decoration for Muralys Créativ.
- n 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
- n To complet the 4 primary colours, the white is printable in order to create contraste and relief, in order to write sentences.....
- n The perforated supports allow to play with the light.

## Muralys **Collection** : 16 exclusive models

### Metallic Inspirations



**Carbon**  
REF. VTS-01



**Titanium**  
REF. VTS-02



**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

### 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.

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Fax : 05 58 79 43 09

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**ArcelorMittal**

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