

MICHURINSKY PROSPEKT

MOSCOW METRO STATION

 **decoral** group[®]



ARCHITECTURAL FLOWER ICONS

Russian underground network is famous all over the world, thanks to its unique architecture and installations ranging from the magnificence of socialist realism to the minimal but surprisingly fascinating contemporary structures, a summary of the futurist design with clear references to national history which can be found inside the different stations.

The architectural peculiarities of this building are the granite, glazed ceramic, glass, steel and aluminium ornaments, which merge in perfect harmony with the design to create an image dedicated to the famous Russian horticulturist Ivan Vladimirovič Mičurin. Agronomist, botanist and geneticist, honorary member of URSS Academy of Science, he became famous for his theories on how environment can affect the heredity of plants.



выпуск водосточной трубы

335 ПГФ-10
выпуск водосточной трубы

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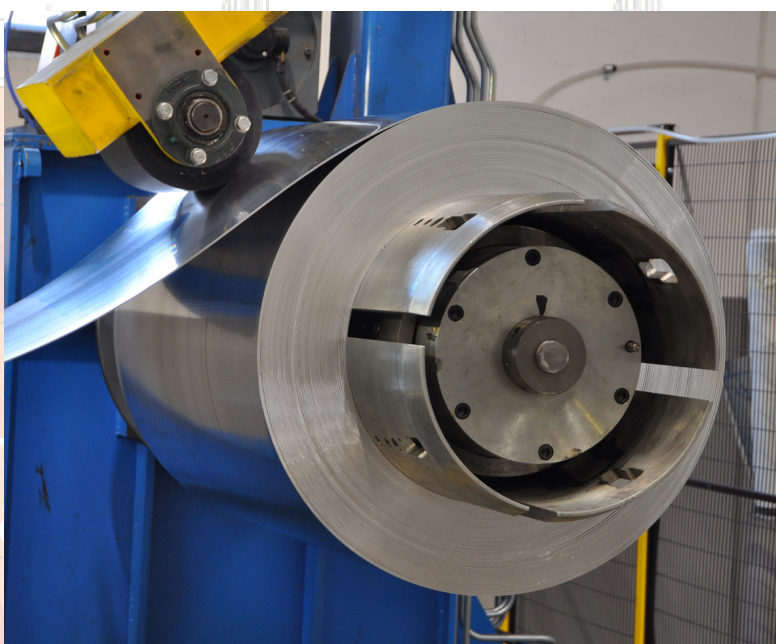
ARCHITECTURAL WONDERS STEMMING FROM THE HUMAN MIND AND HAND

The Interior and exterior design, characterized by original flower pictograms, represents the work achievements of the famous Russian biologist. External walls, made up of red aluminium panels depicting blossoming trees, have been pre-treated, powder coated and decorated by our Group companies using our special sublimation films.

The theme of the "garden in bloom" can also be found inside the building, guiding travelers through an amazing aesthetic experience.

Pursuing excellence in constructions and public buildings has always been our goal and way to contribute to the realization of beautiful projects around the world.





JANUARY 2018

ALUMINIUM SHEET CUTTING

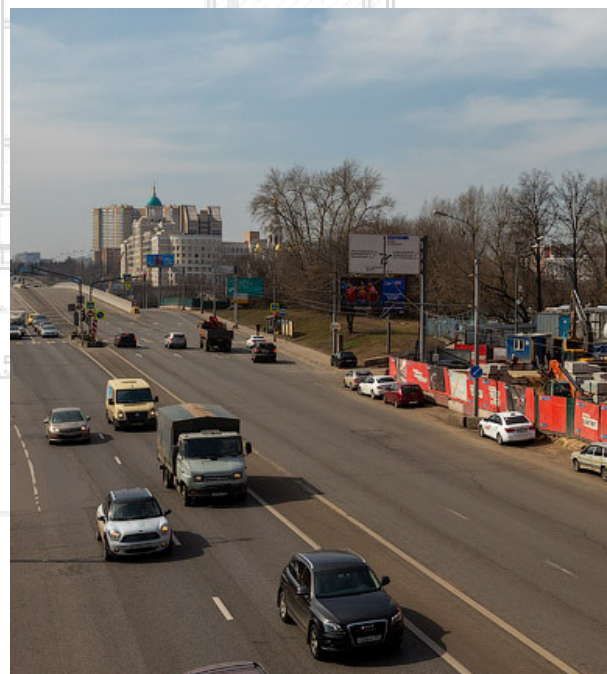
Decoral® Group has a wide range of aluminium alloy laminated sheets. For this project, we levelled and cut more than **10 tons of aluminium**, in customized sizes (mm): 1250x2300, 1250x2500, 1250x2700, 1250x4050, 1250x5000, 1500x4050, 1500x5000.



JANUARY 2018

PRE-TREATMENT

More than **800 aluminium sheets** have been subjected to pre-treatment before coating, which includes the following phases: raw material degreasing, pickling, neutralization, de-smutting and chromating.





JANUARY 2018

COATING POWDER PRODUCTION

By combining the passion for our work with the technical skills of Decoral® LAB R&D department we produced more than **800 kg of coating powder** to be used before the decoration process, thus satisfying the aesthetic and resistance requirements.

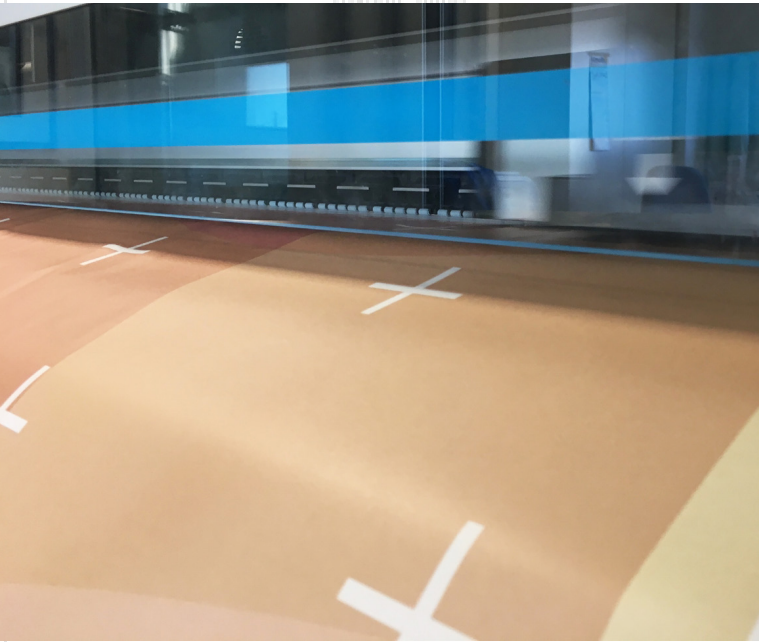


JANUARY 2018

POWDER COATING

Aluminium sheets, pre-treated according to Qualicoat international standards, were powder coated in order to make aluminium more resistant to weathering and create a base layer which was subsequently decorated. We applied **two coats of powder** to the sheets to achieve more vibrant colours.





JANUARY 2018

DIGITAL PRINTING

Decoral® department in charge of printing customized images with the plotter has realized the pattern for this project.

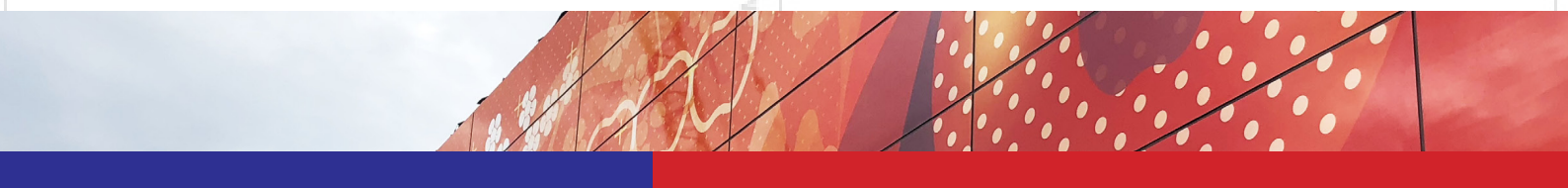
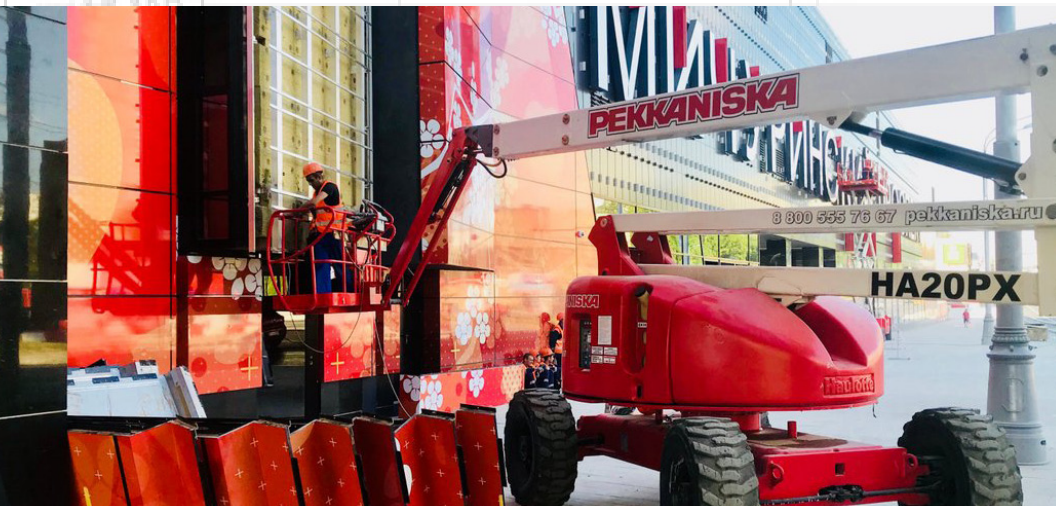
They printed **more than 800 different images** for a total of **over 3000 linear meters**.

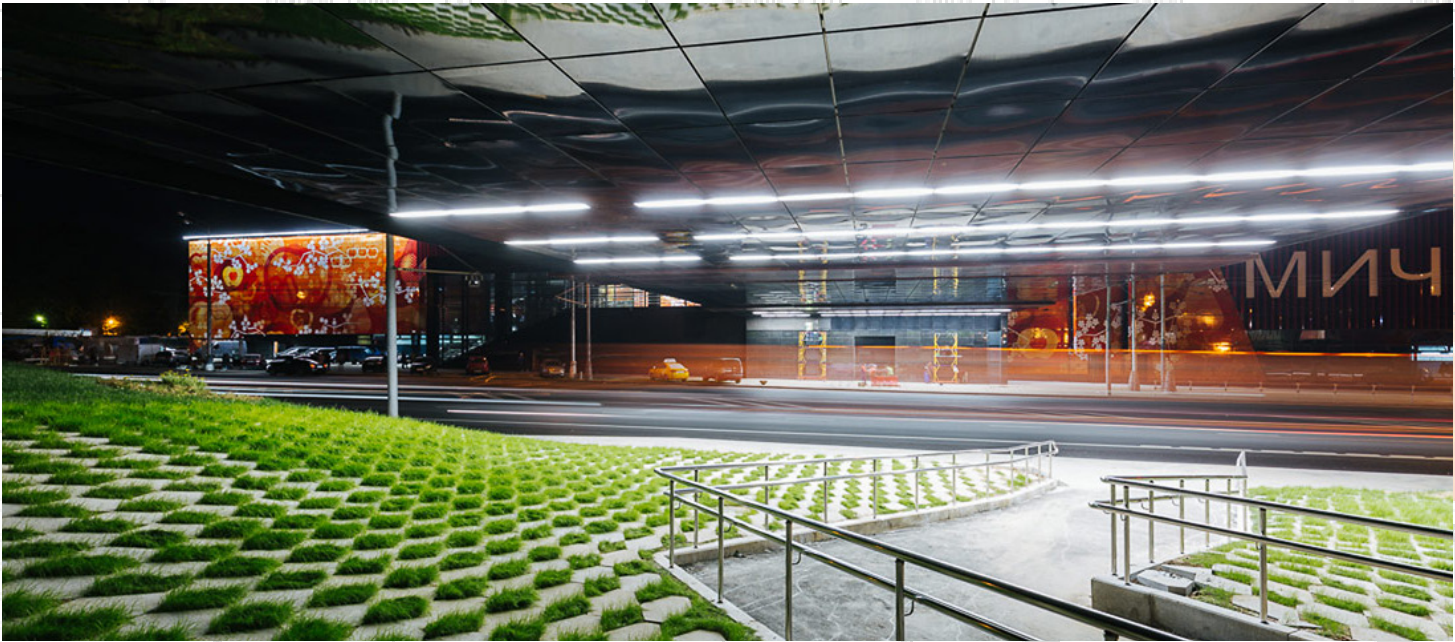


JANUARY 2018

DECORATION AND DELIVERY

Powder coated aluminium sheets were decorated with printed images through the physical process called sublimation. This is Decoral® process final stage, during which sublimation inks are transferred into aluminium sheets at a temperature of 200°C using **Decoral® sublimation plants**.





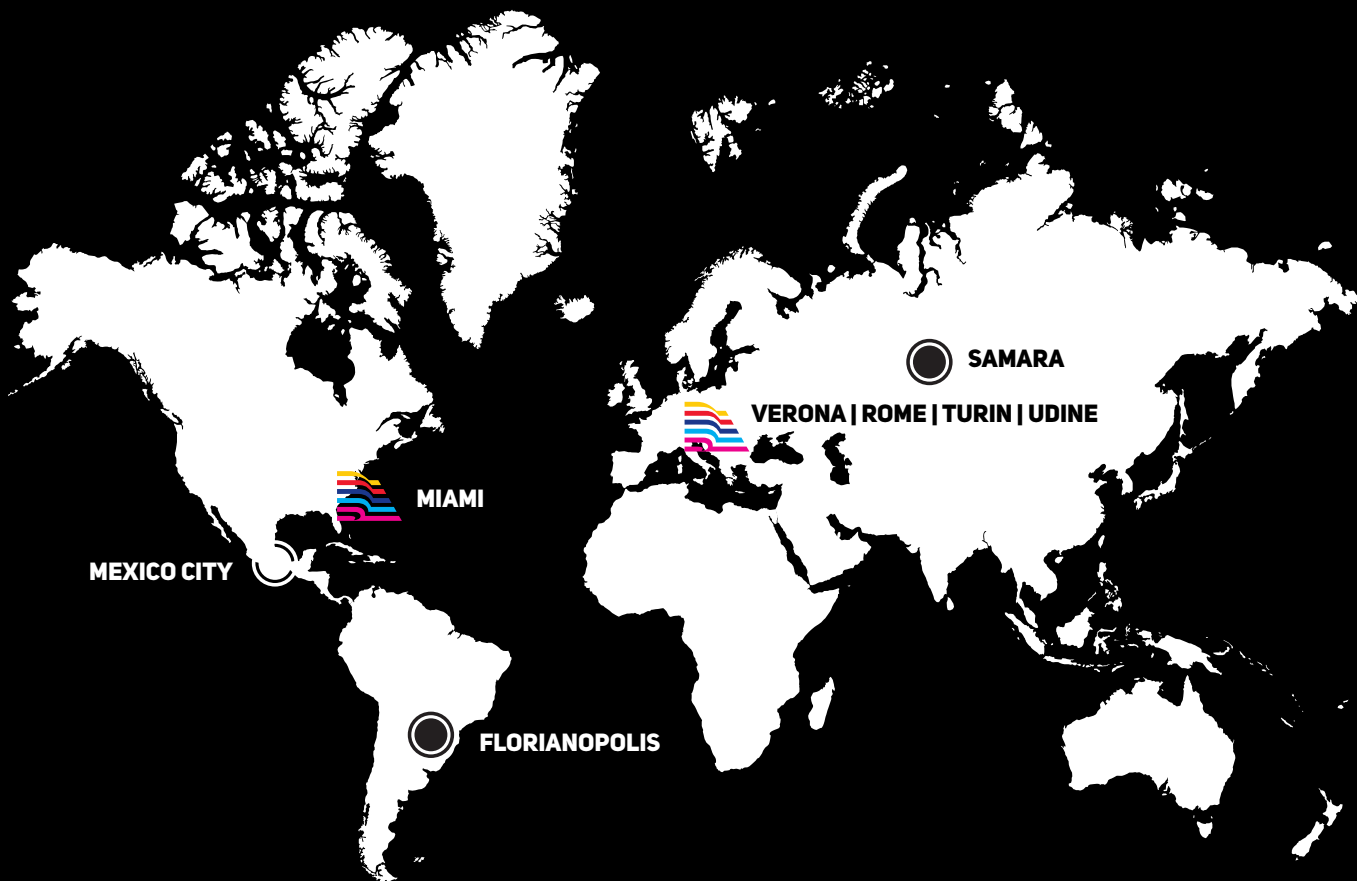
AUGUST 2018

OPENING

Today the metropolitan system includes 222 stations, 44 of which became part of the national cultural heritage. Michurinsky Prospekt is a brilliant and original Russian artwork, opened in August 2018. The station, which serves as a main transport connection for Ramenka district, has improved the mobility of **more than 60.000 people.**

The station has three levels: the rails and platforms are at the first level while at the second one there is a panoramic viewpoint. Those passengers who get to the second level crossing the glass pedestrian bridge can enjoy a spectacular view of the surrounding area.





OUR STRENGTH

- 95.000 SQM** | COVERED AREA
- 4 PLANTS** | VERTICAL POWDER COATING LINE
- 4 PLANTS** | HORIZONTAL POWDER COATING LINE
- 12 PLANTS** | SUBLIMATION
- 2 PLANTS** | OXIDATION AND BRIGHTENING
- 3 PLANTS** | POLISHING



PRODUCTION CAPACITY

- 250 TONS/DAY** | ALUMINIUM TREATMENT
- 21 TONS/DAY** | POWDER COATING
- 190.000 SQM /DAY** | SUBLIMATION FILM



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