

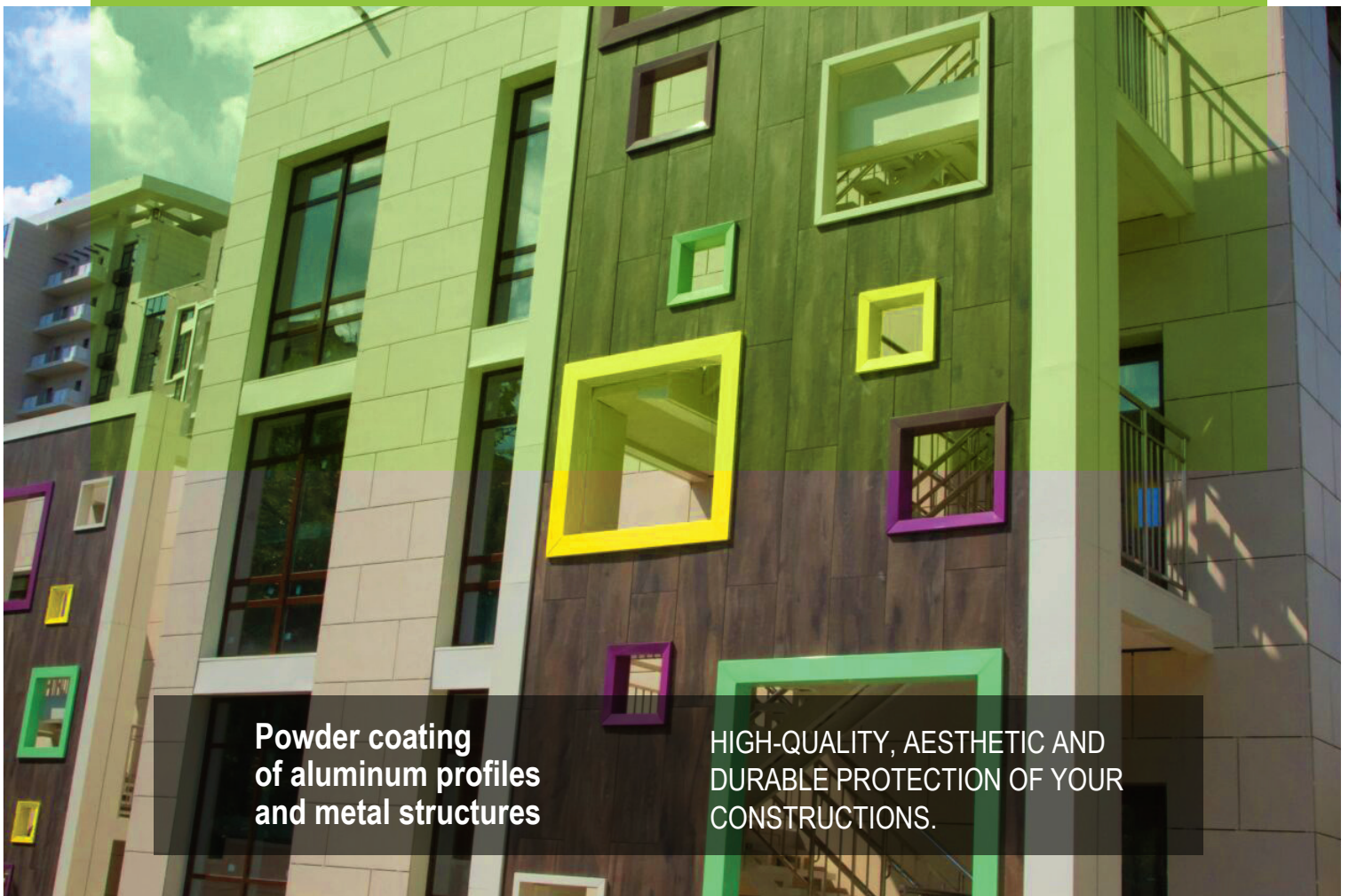


**ELITE DECOR CONSTRUCTIONS**



### **Elite Decor Color**

Offers a full range of metal surface finishing services, including chemical pre-treatment, both automated and manual powder coating lines, a dedicated quality control laboratory, and protective solutions to safeguard coated products from mechanical damage.



**Powder coating  
of aluminum profiles  
and metal structures**

**HIGH-QUALITY, AESTHETIC AND  
DURABLE PROTECTION OF YOUR  
CONSTRUCTIONS.**

## MULTIFUNCTIONAL AUTOMATED POWDER COATING LINE

Multifunctional automated powder coating line includes several integrated components:

**Automated Transport System with Control Unit.**

This system transports traverses with pre-treated and mounted parts through the coating process. The controller allows operators to adjust parameters such as conveyor speed and temperature. The operational dimensions of the spray booth accommodate items up to 7000 × 1750 × 400 mm.

**Spray Booth.** This is where the electrostatic powder coating takes place. Its main advantage is the consistent, uninterrupted flow of powder, ensuring fast and high-quality coating results. The booth features a multicyclone filtration system and is equipped with a rapid color change function (within 30 minutes), which provides flexibility in handling multiple orders and reduces downtime.

**Curing Oven.** The curing oven is equipped with specially designed air ducts that evenly distribute hot air throughout the chamber. This ensures uniform curing of each coated product for optimal surface finish and durability.

## CHEMICAL PRE-TREATMENT LINE – YELLOW CHROMATING

At the initial stage of the powder coating process, aluminum profiles undergo thorough surface preparation. This pre-treatment is carried out on a dedicated line and includes the following steps:

- Etching bath with simultaneous degreasing
- Three rinsing baths after etching
- Chromating bath
- Three rinsing baths after chromating
- Drip-off zone
- Drying unit

Advantages of this treatment:

- High corrosion resistance of the aluminum surface
- Excellent mechanical strength and protective performance of the chromate films
- All chemicals used are certified and supplied by ALUFINISH GmbH (Germany).

## MANUAL POWDER COATING LINE

This line is used for smaller-scale projects of up to 100 m². Color changes take only 5–7 minutes, allowing for exceptional flexibility and mobility. Orders can be completed within a single work shift without disrupting the production schedule. The booth dimensions typically accommodate products up to 7000 × 1800 × 900 mm.

## PACKAGING AREA

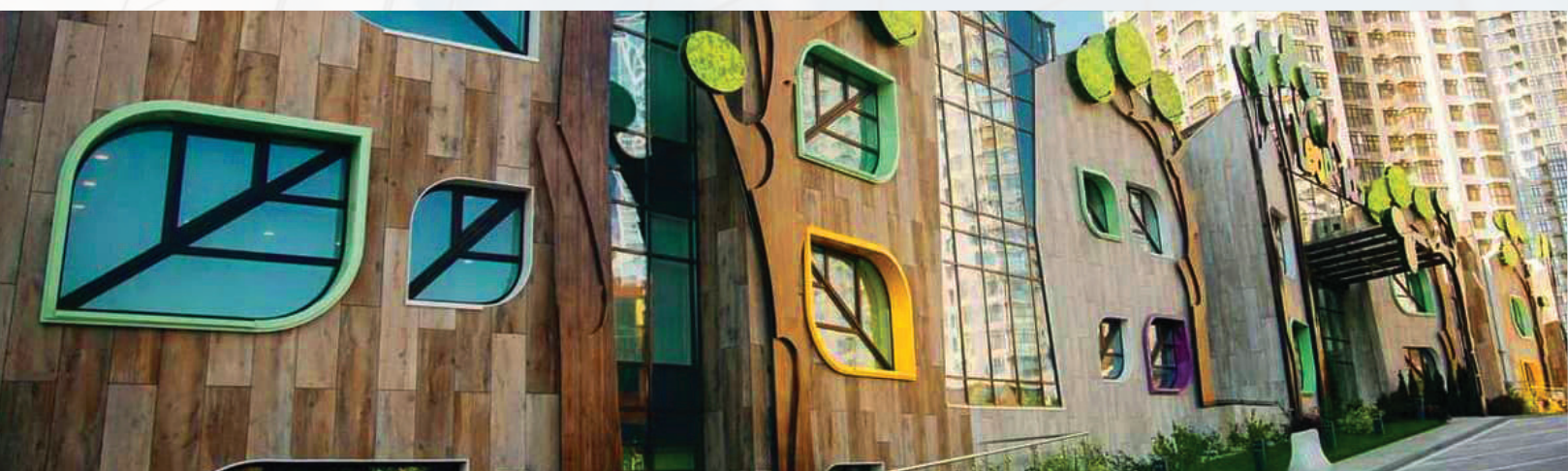
It's no secret that well-coated products must be protected from scratches, dents, and other damage. To ensure this, we use a dedicated packaging machine that significantly simplifies the process, reduces packing time, and provides a higher-quality finish compared to manual methods.

In addition, for aluminum profiles (such as window and door frames or post-and-beam systems), we can apply a special adhesive protective film. This film safeguards the decorative coating not only during transportation but also during installation on-site. All of this is handled using a specialized film application machine.

## PAINT

We guarantee the highest quality of applied coatings, which is achieved by the use of paints from leading European manufacturers: NEOKEM (Greece), AKZO NOBEL (Turkey), IBAKIMIA (Turkey), whose products are certified according to the international QUALICOAT system.

**EDC**  
**COLOR**







## LABORATORY QUALITY CONTROL

The InterSpace Color production and measurement laboratory is equipped with state-of-the-art instruments necessary to perform a full range of quality assessments for powder coatings, in accordance with international Qualicoat standards. Our laboratory conducts control tests on polymer powder coatings, including coating thickness measurement, adhesion testing, flexural elasticity, hardness testing, impact resistance, cupping strength, curing temperature evaluation, surface density of the conversion layer, electrical conductivity and pH of rinse water.

## WE FOLLOW INTERNATIONALLY RECOGNIZED STANDARDS

Coating thickness – EN ISO 2360:2003  
Adhesion (wet) – EN ISO 2409:1994  
Hardness (Buchholz) – EN ISO 2815:2003  
Cupping resistance (Erichsen) – EN ISO 1520:2001  
Flexural elasticity – EN ISO 1519:2002  
Impact resistance – ASTM D 2794:1994  
Corrosion resistance (Mach test) – GOST 2233:2001

## LARGE-VOLUME PAINTING

The EDC COLOR production and measurement laboratory is equipped with state-of-the-art instruments necessary to perform a full range of quality assessments for powder coatings, in accordance with international Qualicoat standards. The production capacity allows painting up to 1,200 square meters per shift. This is up to 24,000 square meters per month, up to 288,000 square meters per year.



### Andrii Maliuha

Head of Powder Coating Division  
+38 068 235 4 620  
+38 067 267 1 888  
[a.maluga@edconstructions.com.ua](mailto:a.maluga@edconstructions.com.ua)



## FULL RANGE OF SERVICES

We provide a complete cycle of all works — starting from surface preparation of the metal, application of powder coating, quality control of finished painted products, and finishing with packaging and proper storage of the final goods. By ordering from us, you save both time and money.

## LONG-TERM PROTECTION OF YOUR METAL PRODUCTS

Thanks to chemical preparation (conversion coating) of raw aluminum profile, which is carried out using yellow chromating technology from the manufacturer ALUFINISH GMBH (Germany) — your metal products will be reliably protected against corrosion.

## EXPERTS YOU CAN COUNT ON

Our highly qualified specialists in all departments, modern production technologies, and personalized approach have earned EDC COLOR a reputation as a reliable and stable partner. Additionally, the convenient location of the production site helps reduce lead time.

## QUALITY CONTROL

Our products undergo multistep quality control in accordance with state standards and laboratory testing (DSTU regulations). Each stage of production is thoroughly inspected to meet the highest benchmarks. We use cutting-edge technology to detect any deviation, and our specialists undergo regular training to maintain consistently high product quality.

## PAINTING OF ANY COMPLEXITY

No challenge is too complex for us — that's why we offer bicolor painting for metal profiles up to 7,2 meters long.

## DISCOUNTS FOR LOYAL CLIENTS

We greatly value our long-term clients and show our appreciation through a structured system of discounts and exclusive offers.

The more frequently you order from us, the greater the discount — our way of saying thank you for your trust and loyalty, while still delivering top-tier quality and service.

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COLOR

[www.edconstructions.com.ua](http://www.edconstructions.com.ua)

Balukova Street 1a, Kriukivshchyna Village Bucha District, Kyiv Region