



ALUMICA

CLEANROOM



Discover

**NEW GENERATION
OF CLEANROOMS!**

New generation of cleanrooms



**Priority
on structural parts**



**Systematic upgrade
of the production technology**



**Non-stop customized
upgrading of constructions**



Alumica Cleanroom – is the expert team in the field of cleanrooms.

Alumica is the brand on the basis of which the new generation of cleanroom has been developed. It is the leading employer and manufacturer of aluminum structural sections and accessories.

Alumica supplies for such companies as: Tver Railroad Car Production Plant, Demikhovo Machine Building Plant, Metrovagonmash, and many other companies of the large Russian holding company **Transmashholding, CJSC** – leader in the transport engineering field.

The production base of the Company is located in the city of Tver (territory of an industrial cluster Tver Railroad Car Production Plant).

The Company produces

- Wall and ceiling panels
- Special purpose doors
- Inspection windows
- Passboxes windows
- Air distributors and Filter Fan Units
- Raised floors for microelectronics
- Special purpose lamps: IP20, IP54, IP65
- Ceiling systems with the concealed and open suspension systems
- System of roundoff and framing profiles
- Mobile laminar zone

NOVELTY ON THE MARKET OF CLEANROOMS



Thickness of the metal coating
of the wall panels

120 mkm







Warranty for the coating

15 years

Structure of the material



Thickness and composition

120 mkm		PVC film
8-9 mkm		Primer layer
1-2 mkm		Preliminary treatment layer
20 mkm		Metallic layer (zinc plating 275 g/m ²)
0,5 mkm		Steel sheet
7-12 mkm		Protective coating of the back side

Distinctive Features

- High reliability and corrosion resistance
- Safe in contact with foodstuff
- Imprinted pattern
- High resistance against chemicals and detergents
- Easy to clean
- It does not give off hazardous or toxic substances

Comparison of coatings

Parameter	Alumica 120	Polyester
Coating	120 mkm	22-25 mkm
Type	Special purpose PVC film	Polyester enamel
Zinc	Of the first class (275 g/m ²)	Of the second class (100g/m ²)
Resistant against mechanical damage	Excellent	Medium
Resistant against corrosion	Excellent	Medium
Resistance against detergents	Excellent	Medium
Utilization in foodstuff industry	Yes	No
Warranty for excellent utilization	15 years	1 year

European
quality



Produced
in Russia

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