

Materials, Design

FENIX is an ideal material for luxury interior creation. New generation acrylic resins and nanotechnology have given it top aesthetic and technological parameters. The surface features low light reflectance due to extreme opacity, is soft to the touch; and fingerprints are not visible on it. Nanoparticles provide the material with high resistance to scratches, abrasions as well as stains. Surface micro-scratches can be removed with a nano-sponge or using an iron!

FENIX Technical Features

- Distinctively matte surface
- Resistance to scratches and abrasion & the possibility of thermal repair
- Resistance to dry heat and acidic solvents
- Antibacterial properties, resistance to mildew

Technical Specifications

- The base material is DTD with a thickness of 16 mm
- Front side: FENIX thickness 0.9 mm
- Back side: FENIX thickness 0.9 mm
- Total board thickness: 18 mm
- ABS edges glued with PUR adhesives
- Double-sided protective cover foil
- The material repels water, is antistatic and lightfast
- Heat resistance: dry heat up to 160 °C for 20 minutes

Attention! The protective foil is provided with arrows that indicate the "direction of the wood grain". Failure to follow the arrow direction with respect to the required dimensions may result in a different perception of the colour of the individual parts despite the low reflectivity of the surface. If the "direction of the wood grain" is not followed, it is not possible to file a complaint on a different colour than the order.

Tolerance

The tolerance for dimensions of a product against the values specified in the documentation may be ± 1 mm. Due to the stress of the materials used, the product may become bent – the permissible tolerance is ± 4 mm / 1 m.

Dimensions

- Minimum size: 100 mm x 100 mm;
- Maximum size: 3,000 mm x 1,250 mm

Application and Instructions

- Suitable for vertical and horizontal interior surfaces, table boards, tiles;
- A homogeneous soft material, on which no fingerprints remain;
- Suitable for food contact;
- Easy to repair in case of surface damage;
- It can be machined by cutting, drilling or milling, e.g. for countersunk handles.