



# TECHNICAL SHEET



Product name:

**OSTAFIX N**

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<b>Characteristics:</b>	Adhesive for gluing to absorbent as well as non-absorbent substrates.
<b>Description:</b>	Dispersion thin-layer adhesive of a pasta consistency
<b>Composition (general):</b>	Adhesive on the basis of aqueous acrylic dispersion containing binders on the basis of the aqueous acrylic dispersion, fine extenders, pigments, dispergation agents and modifiers.
<b>Application:</b>	<p>It is used for gluing ceramic wall and floor tiles, false ceilings and panels and bars made of foamy polystyrene and polyurethane, wood, PVC and rubber floorings, plaster castings and panels and similar materials.</p> <p>The substrates suitable for gluing include sufficiently coherent concretes and plasters, porous concrete and, in particular, board structure materials, such as asbestos-cement, cement-bonded fiber boards, plasterboard, particleboards, Formica boards (prefabricated service cores) and other construction materials.</p> <p>OSTAFIX N can also be used for sealing joints and cracks in the substrate before painting.</p>
<b>Colors:</b>	It is made in white and gray non-standardized color.
<b>Properties:</b>	<b>Paint:</b>
<b>Density (g/cm<sup>3</sup>):</b>	1.5 - 1.8
<b>Volume solids ONL (%):</b>	70 - 80
<b>Weight solids (%):</b>	80 - 90
<b>pH (at 20 °C):</b>	8 - 10
<b>VOC (volatile organic compounds) (kg/kg):</b>	0.0026
<b>0.006 TOC (total organic carbon content) (kg/kg):</b>	0.0014
<b>Appearance/color:</b>	white / gray
<b>Miscibility:</b>	miscible with water
<b>Initial shear adhesion strength (N/mm<sup>2</sup>):</b>	≥ 1
<b>Dry tack time - tensile adhesion strength (after 20 min.) (N/mm<sup>2</sup>):</b>	≥ 0.5
<b>Shear adhesion strength after thermal aging (N/mm<sup>2</sup>):</b>	≥ 1
<b>Release of dangerous substances:</b>	refer to the safety data sheet of the product
<b>Reaction to fire:</b>	Class E
<b>Substrate preparation:</b>	The substrate shall be cleaned from dust and other impurities. Absorbent substrates should be impregnated with the penetrating agent DENAS PENETRACE or with a different impregnating preservative intended for dispersion systems. In the event of gluing to older plasters, remove the layers of paint coatings, dust off the substrate thoroughly and soak it with the penetrating agent. Solid and non-absorbent substrates should be thoroughly cleaned, greasy impurities removed; the surface need not be impregnated.
<b>Application conditions:</b>	The temperature for gluing and drying of the adhesive must not fall below +15 °C.
<b>Thinning:</b>	It should not be thinned before use.
<b>Recommended method of application:</b>	OSTAFIX N should be applied to the surface with a toothed spatula with a tooth height of 3-7 mm. The tooth height should be determined according to the evenness of the substrate and the format of the paneling material; after putting the tile to the adhesive layer and its separation, there must be a distinct imprint of the glue throughout the back of the tile. The sealant is applied in such an area, which can be furnished with tiles within 10 minutes. The tile should be put in the adhesive layer and it should be fitted, exerting some pressure or by tapping it into the required position. Ceramic tiles must not be wetted with water before application! In the event of gluing polystyrene ceiling soffits and panels, full-area gluing is not necessary as the glue is usually applied selectively or in strips on the edges and in the center of the panels.
<b>Spreading capacity and recommended thickness:</b>	Theoretical consumption is 0.3-1.5 kg/m <sup>2</sup> based on the type and quality of the substrate and the material to be glued.
<b>Packaging:</b>	Packaging in plastic containers of 1.2 kg, 4.5 kg, 15 kg or in cartouche tubes.



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<b>Storage:</b>	Store in original and well-closed containers in cool, dry and well-ventilated areas at a temperature from +5 to +25 °C. Protect from freezing, direct sunlight and sudden temperature fluctuations. Keep the mixture separated from drinks, foodstuff, feedstuff and medicine. Store away from the reach of children. The shelf life is a minimum of 12 months from the date of manufacture. The product must not freeze.
<b>Disposal of packaging and waste:</b>	Product residues and contaminated packaging shall be disposed of as hazardous waste in accordance with the applicable regulations.
<b>Safety and hygiene:</b>	When working with the product, observe the instructions provided in the safety data sheet. Observe the principles of personal hygiene. If on the skin, wash the affected areas with soap and water. In case of contact with eyes, rinse immediately with plenty of water, seek medical advice. If swallowed, rinse mouth with water, do not induce vomiting and get medical attention.
<b>Legislation, certificates, attestations, other tested parameters:</b>	<p>It complies with the requirements stipulated in the standard EN 12004-1:2017, standard dispersion adhesive D1.</p> <p>Declaration of Properties No. 101</p> <p>Label:</p> <div data-bbox="647 824 1166 1211" style="border: 1px solid black; padding: 10px; text-align: center;"><p>18 DENAS COLOR a.s., Bílovec EN 12004-1:2017 standard dispersion adhesive D1 for tiles and panels <b>OSTAFIX N</b> Initial tension (shear) adhesive strength <math>\geq 1</math> N/mm<sup>2</sup> Shear adhesion strength after thermal aging <math>\geq 1</math> N/mm<sup>2</sup> Reaction to fire - class E Release of dangerous substances - see the Safety Data Sheet. Declaration No. 101</p></div>