

# Samtex 20 E.L.F.

Silky-glossy latex paint for high-resistance surfaces indoors



## Product description

Application	<p>For smooth, durable indoor paintwork that retains texture, suitable for rooms with high demands, with silky-glossy surface. Especially suitable for surfaces that are subjected to heavy loads as the paint is extremely durable and also easy to clean.</p> <p>In addition, the paint is ideally suited for coarse fibre, embossed or painted textured wallpaper, as well as accenting the texture of glass fibre wallpaper thanks to its attractive, silky-glossy effect. Schools, hospitals, kindergartens, public buildings, offices, hotels, restaurants, hallways, stairwells, etc.</p>
Properties	<ul style="list-style-type: none"> <li>■ Water-soluble, virtually odourless, environmentally friendly</li> <li>■ High degree of whiteness</li> <li>■ High level of coverage</li> <li>■ Breathable</li> <li>■ Easy to clean and resistant against water-based disinfectants and household detergents</li> <li>■ Easy application</li> </ul>
Material base	Synthetic resin dispersion
Packaging	<p>Base 1: 2.5 l, 5 l, 10 l and 15 l</p> <p>Base 2 and 3: 2.5 l, 5 l, 10 l after tinting.</p>
Tints	<p>Base 1 (white) can be used without tinting.</p> <p>Base 2 and 3 (transparent) should be used only tinted as Samtex 20 E.L.F. Base 1 can be auto-tinted using Caparol Color or AVA When tinting manually, mix all required quantity of paint to avoid hue mismatch. Orders of at least 100 litres of one shade within one order can also be tinted at the factory. Samtex 20 E.L.F. can be tinted automatically in ColorExpress system in all common colour chart hues, e.g., CaparolColor, Caparol 3D, NCS, Panorama, RAL, etc.</p> <p>Bright, intense colours, for example, yellow, orange and red have poor coverage. Therefore it is recommended to apply a white pastel shade under such colours. A second covering coat may be required.</p>
Gloss level	Silky gloss
Storage	In a cool place, but do not allow to freeze.
Technical data	<ul style="list-style-type: none"> <li>■ Wet friction class: Class 1, corresponds to Wet Friction Class 1 according to DIN 13300.</li> <li>■ Contrast ratio: Class 2, with low paint consumption 7 m<sup>2</sup>/l or 140 ml/m<sup>2</sup>.</li> <li>■ Maximum grain size: Fine (&lt;100 µm)</li> <li>■ Density: approx. 1.4 g/cm<sup>3</sup></li> </ul>
Note	To avoid joints, paint according to "wet in wet" method in one go without interruptions.



## Application

<p>Suitable substrates</p> <p>Substrate preparation</p>	<p>The substrate must be free of dirt, repelling agents and dry.</p> <p><b>Mortar group P II and P III plasters:</b> Firm plasters with normal absorption can be coated without prior treatment. Highly porous, absorbent, crumbling plaster surfaces should be primed with Caparol OptiGrund E.L.F. or Capasol LF.</p> <p><b>Mortar group PIV and PV gypsum and ready-made plasters:</b> Priming with Caparol-Haftgrund or SamtGrund E.L.F. Sand gypsum plasters with hard calcite, remove dust, prime with Caparol-Tiefgrund TB.</p> <p><b>Gypsum construction boards:</b> Prime absorbent surfaces with OptiGrund E.L.F. or Caparol-Tiefgrund TB. Prime very dense surfaces with adhesion-enhancing primer paint Caparol-Haftgrund or SamtGrund E.L.F.</p> <p><b>Plasterboard:</b> Sand putty traces. Reinforce soft and sanded gypsum putty areas with Caparol-Tiefgrund TB. Priming with Caprol-Haftgrund, Capasol LF or SamtGrund E.L.F. Prime boards containing water-soluble, colouring substances with Caparol AquaSperrgrund.</p> <p><b>Concrete:</b> Remove possible repelling substances and crumbling, loose matter.</p> <p><b>Aerated concrete:</b> Priming with Capaplex diluted with water to 1:3. Silicate brick and clay brick wall: cover without pre-treatment.</p> <p><b>Coatings with good load-bearing capacity:</b> Treat matte, poorly absorbent coatings without prior preparation. Roughen up glossy surfaces and varnish coatings. Priming with Caparol-Haftgrund or SamtGrund E.L.F. Prime poorly absorbent, smooth substrates with Caparol-Haftgrund or SamtGrund E.L.F. Highly porous, absorbent, crumbling plaster surfaces should be primed with Caparol OptiGrund E.L.F. or Capasol LF.</p> <p><b>Coatings with poor load-bearing capacity:</b> Remove varnishes, dispersion paints or synthetic resin plaster coatings with poor load-bearing capacity. Remove mineral paint with poor load-bearing capacity mechanically and clean the surfaces from dust. Prime with Caparol-Tiefgrund TB.</p> <p><b>Glue paint coatings:</b> Wash thoroughly. Prime with Caparol-Tiefgrund TB. Unpainted textured wallpaper, embossed and painted paper wallpaper: coat without prior treatment.</p> <p><b>Peeling wallpaper:</b> Fully remove. Wash of glue and paper residues. Prime with Caparol-Tiefgrund TB. Mouldy surfaces: Mechanically remove mould or fungal damage by wet brushing, chopping or scraping. Wash the surface with Capatop and allow to dry thoroughly. Prime depending on the type and properties of the substrate. On heavily overgrown surfaces, apply final coat of Indeko-W or Malerit-W.</p> <p><b>Surfaces with nicotine, water, soot or grease stains:</b> Wash nicotine, soot or grease stains with water and fat-dissolving household detergent and let dry thoroughly. Clean water stains when dry, using a brush. Apply insulating base paint coat with Caparol AquaSperrgrund. On heavily stained surfaces, apply final coat of Caparol IsoDeck.</p>
<p>Application method</p>	<p>Apply using brush, roller and spraying.</p>
<p>Coating structure</p>	<p>Primer coat or intermediate coat:</p>
	<p>■ SamtGrund E.L.F. or Samtex 20 E.L.F. diluted with max. 10% of water. Final coat:</p>
<p>Consumption</p>	<p>Approx. 140 ml/m<sup>2</sup> for a single layer on a flat surface. Respectively more on rough surfaces. For accurate consumption, perform test coating.</p>
<p>Application conditions</p>	<p>Minimum application temperature: + 5°C for substrate and ambient air</p>
<p>Drying/curing time</p>	<p>At 20°C un 65% relative air humidity, the surface has cured after approximately 4-6 hours and can be repainted. The surface is fully cured and can be loaded after approximately 3 days. If the temperature is lower and the air humidity higher, the curing time increases.</p>
<p>Tools</p>	<p>Brush, roller or spraying device.</p>
<p>Cleaning of tools</p>	<p>Clean tools after use with water.</p>
	<p>To avoid joints, paint according to "wet in wet" method in one go without interruptions.</p>

## Instructions

Caution	Keep away from children. In case of contact with eyes, rinse immediately with plenty of water and seek medical help. Avoid inhaling spray. Do not empty into drains.
Disposal	Recycle only empty packaging. Dispose of liquid waste as water-based paint waste; dispose of dry waste as dry paint or household waste.
EU limit value for VOC (volatile organic compound) content	Cat. (A/a): max. 30 g/l (2010). The product contains max. 1 g/l VOC.
Declaration of ingredients	Synthetic resin dispersion, pigments, mineral fillers, water, admixtures, curing agents.
Technical advice	<p>This Technical Information has been prepared on the basis of scientific and technical discoveries and our practical experience. Taking into account the diversity of substrates and the conditions of each individual work site, the buyer/builder/contractor is not released from the responsibility to check the compliance with specific objectives and specific site conditions.</p> <p>Any newer version supersedes this Technical Information.</p>
Customer service	<b>SIA DAW Baltica</b> Mellužu 17-2, Riga, LV-1067 <a href="http://www.caparol.lv">www.caparol.lv</a> <a href="mailto:info@daw.lv">info@daw.lv</a> Tel.: 67500072 Infoline: 80200937 (toll-free infoline)

### Technical Information TIEX-D020R NOE · Prepared: December 2016

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