

## Fontecoat FD 20

### APIBŪDINIMAS

A two-component, semi-matt water-borne epoxy direct-to-metal paint.

### SAVYBĖS IR PASKIRTIS

- Very fast curing. May help speeding up the painting process and decrease the overall costs of the painting system. Less downtime is a remarkable benefit
- Self-priming. Fontecoat FD 20 has been especially developed for use as single-coat paint. Due to its highly developed anti-corrosive properties, the product provides long-term protection for steel constructions, machinery and equipment in process and other industries
- Easy to apply. Can be applied in thick layers, thus enabling a faster painting process. Good hiding power simplifies painting of welding seems. Dust-free spraying makes this water-borne product even more user-friendly
- Used as a topcoat or as a single coat paint in epoxy paint systems for steel surfaces
- Excellent adhesion and surface tolerance when used with Temakeep adhesion primer, allowing extremely fast cycle times
- Can also be used as a primer or intermediate coat in epoxy / polyurethane systems
- Very good resistance against mechanical and chemical stress
- Recommended for framework, service platforms, conveyors and other steelwork, machinery and equipment

### TECHNINIAI DUOMENYS

Sausojo likučio tūrio dalis 44±2%. (ISO 3233)  
(proc.)

Sausojo likučio masės dalis 61±2%.  
(proc.)

Tankis 1.4 kg / l (mixed)

Maišymo santykis Base 1 part by volume Fontecoat FD 20  
Hardener 1 part by volume Hardener 007 1021

Mišinio tinkamumo trukmė 1h  
(esant +23 °C temperatūrai)

Rekomenduojamas dangos storis ir teorinė išėiga

Recommended film thicknesses		Theoretical coverage
wet	dry	
150µm	60µm	6.7 m <sup>2</sup> /l
225µm	100µm	4.4 m <sup>2</sup> /l
275µm	120µm	3.6 m <sup>2</sup> /l

Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.

Džiūvimo trukmė

DFT 100µm	+15°C	+23°C	+35°C
Dust dry, after	3h	< 1 h	0.5h
Touch dry, after	6h	2h	1h
Recoatable without roughing, max. after	7d	5d	2d
Fully cured, after	14d	7d	3d

Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.



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**Blizgumas**

Pusiau matinis.

**Spalva**

RAL, NCS, SSG, BS, MONICOLOR NOVA anda SYMPHONY color cards. Temaspeed  
Fonte tinting.

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## NAUDOJIMO INSTRUKCIJA

<b>Paviršiaus paruošimas</b>	<p>Oil, grease, salts and dirt are removed by appropriate means. (ISO 12944-4)</p> <p>Steel surfaces: Blast clean to grade Sa2½. (ISO 8501-1) If blast cleaning is not possible, phosphating is recommended for cold rolled steel to improve adhesion.</p> <p>Primed surfaces: Oil, grease, salt and dirt are removed from the surface by appropriate means. Repair any damage to the primer coat. Note the overcoating time of primer. (ISO 12944-4)</p>
<b>Rekomenduojamas gruntas</b>	<p>Fontecryl AP, Fontezinc 85, Fontecoat EP 50, Fontecoat EP 50 Beige, Temazinc 77, Temazinc 99, Temacoat GPL-S Primer, Temakeep Grey.</p> <p>Note! Temakeep Grey: overcoating on touch dry surface</p>
<b>Rekomenduojama viršutinio sluoksnio danga</b>	<p>Fontecoat EP 50, Fontecoat FD 20, Fontedur HB 80.</p>
<b>Dengimo sąlygos</b>	<p>All surfaces must be clean, dry and free from contamination. The temperature of the ambient air, surface and paint should not fall below +15°C during application and drying. Relative humidity of the air should not exceed 70% during application and drying. The surface temperature of steel should remain at least 3°C above the dew point. Good ventilation and sufficient air movement is required in confined areas during application and drying.</p>
<b>Komponentų maišymas</b>	<p>First stir base and hardener separately. The correct proportions of base and hardener must be mixed thoroughly before use. Use power mixer for mixing. Insufficient mixing or incorrect mixing ratio will result in uneven drying of the surface and weaken the properties of the coating.</p>
<b>Dengimas</b>	<p>To obtain the best possible result air-assisted airless spraying is recommended.</p> <p>For air-assisted airless spraying, the product is thinned max 10% if needed. Recommended nozzle tip is 0.011"–0.017" and pressure 140–200 bar. Atomising air pressure should be 1–2 bar. Spray angle shall be chosen according to the shape of the object.</p> <p>For airless spraying, the product is thinned max 10% if needed. Recommended nozzle tip is 0.011"–0.017" and pressure 140–200 bar. Spray angle shall be chosen according to the shape of the object. 160µm DFT should not be exceeded.</p> <p>For brush application product should be thinned according to the circumstances.</p> <p>Separate application instructions are available on request.</p>
<b>Skiedikliai</b>	<p>Vandens</p>
<b>Įrangos valymas</b>	<p>Clean the spraying equipment immediately after use as follows:</p> <ol style="list-style-type: none"><li>1. Run the equipment with water to remove excess paint from the equipment.</li><li>2. Run the equipment with a mixture of approx 20% Thinner 1109 in clean water, at least two times.</li><li>3. Finally wash with undiluted Thinner 1109.</li></ol> <p>Wash the equipment with water before starting to paint again. Unwashed equipment can cause serious surface defects.</p>
<b>LOJ</b>	<p>The Volatile Organic Compounds amount is 65g/litre of paint mixture. VOC content of paint mixture (thinned by 10% by volume) 60g/l.</p>

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### SAUGOS IR SVEIKATOS APSAUGOS ŽENKLINIMAS

Nenaudoti, jeigu neperskaityti ar nesuprasti visi saugos įspėjimai. Smulkesnė informacija apie pavojingą poveikį ir apsaugą nuo jo pateikta saugos duomenų lapuose. Saugos duomenų lapą galima gauti paprašius.

#### Tik pramoniniam ir profesionaliam naudojimui

Pateikta informacija nėra išsami ir galutinė. Ši informacija paremta laboratoriniais bandymais ir praktine patirtimi. Gaminų kokybę užtikrina ISO 9001 ir ISO 14001 standartų reikalavimus atitinkanti kokybės vadybos sistema. Negalėdami kontroliuoti sąlygų, kuriomis gaminiai naudojami, taip pat veiksnių, turinčių įtakos jų naudojimui, neatsakome už patirtą žalą juos naudojant ne pagal instrukcijas ar paskirtį. Pasilieka teisė keisti pateiktą informaciją be išankstinio pranešimo.

Gaminys skirtas naudoti tik profesionaliai, jį gali naudoti tik specialistai, žinantys, kaip tinkamai jį naudoti, ir turintys jo naudojimo patirties. Aukščiau pateikta informacija yra patarimo pobūdžio. Tiek, kiek leidžia galiojantys įstatymai, mes neprisiimame atsakomybės už sąlygas, kuriomis gaminys yra naudojamas, ir už tai, kaip ir koku tikslu jis yra naudojamas.

Jei ketinate naudoti gaminį kitu tikslu nei čia rekomenduojama ir neturite mūsų raštiško patvirtinimo, kad jis tinkamas taip naudoti, prisiimate visą atsakomybę už galimas pasekmes.