

Fontedur FSD

DESCRIPTION

A two-component, waterborne polyurethane finish.

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ For exterior and interior use.
- ◆ Resistant against moderate mechanical and chemical stress.

TECHNICAL DATA

Volume solids

43±2%.

Specific gravity

1.3–1.4 kg/l.

Mixing ratio and product codes

| | | |
|----------|---------------------|---|
| Base | 100 parts by volume | 960 2680 (dark green), 960 7102 (black) |
| Hardener | 23 parts by volume | 008 7605 |

| | | |
|----------|---------------------|---|
| Base | 100 parts by weight | 960 2680 (dark green), 960 7102 (black) |
| Hardener | 18 parts by weight | 008 7605 |

Pot life (+23°C)

½ h unthinned mixture
1h 20% thinned mixture

Recommended film thicknesses and theoretical coverage

| Recommended film thicknesses | | Theoretical coverage |
|------------------------------|------|------------------------|
| dry | wet | |
| 30µm | 70µm | 14.3 m ² /l |
| 40µm | 95µm | 10.5 m ² /l |

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

Drying times

| DFT 40 µm | +23°C |
|---------------------------------------|-------|
| Dust dry, after | 2h |
| Touch dry, after | 7h |
| Through dry, after | 24h |
| At increased temperature 30 min/+60°C | |

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

Finish

Semimatt (green), 8–15/60° angle, 30–40µm DFT
Matt (black), ≤2/60° angle, 30–40µm DFT

Colours

Dark green 326H and black .

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APPLICATION DETAILS

| | |
|-------------------------------|--|
| Surface preparation | <u>Primed surfaces:</u> 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) |
| Primer | Fontecoat EP 50, Fontecryl AP and Temacoat GF Primer. |
| Finish | Fontedur FSD . |
| Application conditions | All surfaces must be dry. The temperature of the ambient air, surface or paint should not fall below +15°C during application or drying. Relative humidity should not exceed 80%. The surface temperature of the steel should remain at least 3°C above the dew point. |
| Mixing components | First stir base and hardener separately. The correct proportions of base and hardener must be mixed thoroughly before use. Use mechanical mixer for mixing. |
| Application | By airless or conventional spray. At airless spray application the paint can be thinned 0–15%. At conventional spray application the paint can be thinned 15–20% and the viscosity of the mixture should be 20–30s/DIN4 (+23°C). |
| Thinner | Water. |
| Cleaning of equipment | Water. |
| VOC | The Volatile Organic Compounds amount to 155 g/litre of paint. VOC content of the paint (thinned 20% by volume) is 125 g/l of paint. |

Only for industrial and professional use.

HEALTH AND SAFETY

Containers are provided with safety labels, which should be observed. Further information about hazardous influences and protection are detailed in individual health and safety data sheets.

A health and safety data sheet is available on request from Tikkurila Oyj.

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The above information is not intended to be exhaustive or complete. The information is based on laboratory tests and practical experience, and it is given to the best of our knowledge. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As manufacturer we cannot control the conditions under which the product is being used or the many factors that have an effect on the use and application of the product. We disclaim liability for any damages caused by using the product against our instructions or for inappropriate purposes. We reserve the right to change the given information unilaterally without notice.

The product is intended for professional use only and shall only be used by professionals who have sufficient knowledge and expertise on the proper use of the product. The information above is advisory only. To the extent permitted by applicable law, we shall not approve of any liability for the conditions under which the product is being used or for the use or application of the product.

In case you intend to use the product for any other purpose than that recommended in this document without first getting our written confirmation on the suitability for the intended use, such use takes place at your own risk.