

Fontefacade SC 50

DESCRIPTION

A water-borne one-component, fast-drying acrylate exterior single-coat paint.

PRODUCT FEATURES AND RECOMMENDED USES

- Suitable for fast production lines and drying in elevated temperature as well as in room temperature.
- Good anti-blocking properties.
- The paint can be used as a primer and a top coat.
- Good weathering resistance.
- Suitable for exterior mineral substrates such as fibre-cement flat sheets.

TECHNICAL DATA

Volume solids 43%

Weight solids 54%

Specific gravity 1.2 kg/l

Recommended spreading amounts and theoretical coverage

| Recommended spreading amounts (unthinned) | | Theoretical coverage |
|---|-----------|-----------------------|
| wet | dry | final surface |
| 150–300 g/m ² | 90–160 µm | 3–9 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

| 170 g/m ² | +23°C | +40°C |
|------------------------------|--------|-------|
| Dry to touch or stack, after | 15 min | 5 min |

Final mechanical properties are achieved after several days. Drying and recoating times are related to the wet film thickness, thinning, color shade, temperature, the relative humidity of the air and ventilation.

Gloss

Semi-gloss.

Color shades

The shades on the Tikkurila Facade colour card, RAL and NCS colour card for exterior use. AVATINT tinting system.

Thinning instructions

Paint is recommended to be used without thinning. If needed thin with water max. 2%. Thinning will slow down drying times.

Heat of Combustion (PCS)

20,0 MJ/kg according to standard EN ISO 1716.

Reaction to fire

A₂-s1, d0 according to standard EN 13501-1 was tested with the following painting systems: Fontefacade SC 10 (100 g/m²) + Fontefacade SC 50 (100 g/m²)



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APPLICATION INSTRUCTIONS

| | |
|-------------------------------|--|
| Surface preparation | Surfaces must be free of dirt, dust and grease. |
| Recommended primers | Fontefacade SC 10. |
| Application conditions | The surface to be treated has to be clean and dry. During application and drying temperature of the air, substrate and paint must be over +10°C and relative humidity of the air below 70%. Good ventilation is also very important. |
| Application | <p>Stir the paint carefully before use.</p> <p>For airless spraying, recommended nozzle tip is 0.015"–0.019" and pressure 80–160 bar. Spray angle shall be chosen according to the shape of the object.</p> <p>For air-assisted airless spraying, recommended nozzle tip is 0.015"–0.019" and pressure 80–160 bar. Atomising air pressure should be about 1–3 bar. Spray angle shall be chosen according to the shape of the object.</p> |
| Cleaning of equipment | Water. |
| Storage | Must not freeze. The best storage temperature is between +15–+25°C. |
| VOC | According to VOC Directive 2004/42/EU the product subcategory A/c VOC limit (1.1.2010) is maximum 40 g/l. VOC content of "Fonte Facade SC 50" is 30±10 g/l. |

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.

For industrial use only.

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.