

# Fontefacade Structure

**DESCRIPTION** A water-borne one-component, fast drying structured acrylate exterior primer.

- PRODUCT FEATURES AND RECOMMENDED USES**
- Suitable for fast production lines and drying in elevated temperature as well as in room temperature
  - Excellent anti-blocking properties
  - Good weathering resistance
  - Suitable for exterior mineral substrates such as fibre cement flat sheets

**TECHNICAL DATA**

**Volume solids** 50%

**Weight solids** 68%

**Specific gravity** 1.35 kg/l

**Recommended spreading amounts and theoretical coverage**

Recommended spreading amounts (unthinned)		Theoretical coverage
wet	dry	final surface
150–300 g/m <sup>2</sup>	90–160 µm	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.

**Drying times**

170 g/m <sup>2</sup>	+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** Full matt.

**Color shades** The light shades on the Tikkurila Facade colour card. AVATINT tinting system. Only A base paint.

**Thinning instructions** Paint is recommended to be used without thinning. If needed thin with water max. 5%. Thinning will slow down drying times.



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## APPLICATION INSTRUCTIONS

<b>Surface preparation</b>	Surfaces must be free of dirt, dust and grease.
<b>Recommended topcoats</b>	Fontefacade SC 10, Fontefacade SC 50, Fontefacade CC 30.
<b>Application conditions</b>	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.
<b>Application</b>	Grain size max 200 µm.  For air-assisted airless spraying, recommended nozzle tip is 0.017"–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.  For conventional spraying, the product is thinned approximately 0–5% with water. Recommended nozzle tip is 1.6–1.8 mm and pressure 2–3 bar.
<b>Cleaning of equipment</b>	Water.
<b>VOC</b>	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 "Fontefacade Structure" is 25±10 g/l.

<b>HEALTH AND SAFETY</b>	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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### 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.

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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.