Fontefacade CC 30

DESCRIPTION

A water-borne one-component 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
- Especially suitable for roller and curtain coating
- Good anti-blocking properties
- The paint can be used as a primer and a top coat
- Good weathering resistance
- Metallic color shades also possible
- Recommended to be used for exterior mineral substrates such as fibre cement flat sheets

TECHNICAL DATA

Volume solids 35%

Weight solids 47%

Specific gravity 1.2 kg/l

Recommended spreading amounts and theoretical coverage

Recommended spreading amounts (unthinned)		Theoretical coverage
wet	dry	final surface
100–200 g/m²	40–70 µm	10–12 m²/l

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

Drying times

150 g/m²	**+23°C**	**+40°C**
Dry to touch after	60 min	15 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-matt.

Color shades The shades on the Tikkurila Facade colour card, RAL Effect and NCS colour card for exterior use. AVATINT tinting system. MET base paint for metallic colors.

Thinning instructions Paint is recommended to be used without thinning. If needed thin with water max. 5%.

Heat of Combustion (PCS) 16.7 MJ/kg according to the standard EN ISO 1716

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APPLICATION INSTRUCTIONS

Surface preparation	Surfaces must be free of dirt, dust and grease.
Recommended primers	Fontefacade CC 30.
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	Stir the paint carefully before use. For curtain coating, the product is thinned approximately 0–5% to the viscosity 50–80s (DIN4). Avoid too high pumping pressure and flowing speed. 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. 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. Metallic color shades are recommended to be applied by conventional spraying. Nozzle tip 1.8 mm and the nozzle pressure 2–3 bar. If needed the product is thinned approximately 0–5% with water.
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/i VOC limit (1.1.2010) is maximum 140 g/l. VOC content of "Fontefacade CC 30" is max 140 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.