

FONTEx AC 45

DESCRIPTION

A waterborne, one-component semimatt acrylic based topcoat.

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Suitable for concrete, plaster and brick surfaces, e.g. wall and ceiling surfaces in industrial facilities.
- ◆ Suitable to be used as a topcoat on intumescent paint systems.
- ◆ Good resistance against humidity, washing and abrasion, and e.g. against white spirit and denature spirits.

TECHNICAL DATA

Volume solids 40 ± 2 %. (ISO 3233)

Weight solids 52 ± 2 %.

Specific gravity 1.2 kg / l

Product code 144-series

Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coverage
dry	wet	
40 µm	100 µm	10.0 m ² /l
60 µm	150 µm	6.7 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 50 µm	+ 15 °C	+ 23 °C	+ 35 °C
Dust dry, after	40 min	20 min	10 min
Touch dry, after	4 h	2 h	25 min
Recoatable, after	12 h	4 h	2 h

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

Finish Semimatt.

Colours For request. TEMASPEED FONTE tinting.

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APPLICATION DETAILS

Surface preparation	Remove all dirt and dust from unpainted surfaces. Fill holes and cracks with a suitable filler e.g. Presto LV and sand the dried surface. Remove sanding dust carefully. <u>Primed surfaces:</u> Wash previously painted surfaces carefully with suitable cleaning agent and rinse with water. Fill holes and cracks with a suitable filler e.g. Presto LV and sand the dried surface. Remove sanding dust carefully.
Primer	FONTEX PRIMER.
Finish	FONTEX AC 45.
Application conditions	All surfaces must be dry. The temperature of the ambient air, surface or paint should not fall below + 5 °C during application or drying. Relative humidity should be below 80 %. The surface temperature of the steel should remain at least 3 °C above the dew point.
Application	By spray, brush or roller. Depending on the application method the paint can be thinned 0 - 5 %. Airless spray nozzle tip 0.011" - 0.015" and nozzle pressure 120 - 160 bar. Spray angle shall be chosen according to the shape of the object.
Thinner	Water.
Cleaning of equipment	Water or FONTECLEAN 1921. The equipment must be cleaned immediately after use before the paint dries.
VOC	The Volatile Organic Compounds amount is 70 g/litre of paint. VOC content of the paint (thinned 5 % by volume) is 70 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 Coatings Oy.

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