

# Standox 2K Fluorescent Paint Red

**Standox 2K Fluorescent Paint Red is formulated for painting fire engines in RAL 3024 in accordance with DIN 14 502 and is not authorised for use on private vehicles.**

- For painting fire engines in RAL 3024 in accordance with DIN14 502.

**The Standox paint for fire engines.**



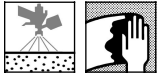
**The Art of Refinishing.**

# Stadox 2K Fluorescent Paint Red

## Product preparation - application Standard



It is strongly recommended to use appropriate personal protection equipment during application to avoid respiratory, skin and eye irritation.



Fully cured, solvent resistant, well preserved and lightly sanded original or old paintwork  
Surfaces coated with a primer or a Filler

Surfaces must be prepared and cleaned correctly before application

Since a uniform white substrate is required Standofleet 2K Non Sanding Filler U2500 FC1 must be applied until the surface is completely covered (see respective Technical Data Sheet).

Sanded-through areas must be re-sprayed with one of these Fillers



Standofleet HS		
Topcoat	Hardener	Reducer
7	1	15%
	4110 (Fleet HS Fast)	5110 (Fleet Fast)
	4120 (Fleet HS)	5120 (Fleet Thinner)
	4130 (Fleet HS Slow)	5130 (Fleet Slow)
		5140 (Fleet Extra Slow)

Standofleet MS		
Topcoat	Hardener	Reducer
4	1	0-5%
	4020 (Fleet MS)	5110 (Fleet Fast)
	4010 (Fleet MS Fast)	5120 (Fleet Thinner)
		5130 (Fleet Slow)
		5140 (Fleet Extra Slow)

Pot life at 20°C: 7 hr - 8 hr



	Spray nozzle	Spray pressure	
Compliant	1.3 - 1.5	2 - 2.5 bar	inlet pressure
HVLP	1.3 - 1.5	0.7 bar	atomisation pressure

see manufacturer's instructions



4 - 5 coats

with intermediate flash-off: 10 min - 15 min  
before bake: 25 min - 1 hr



	4110/4120/4130	4020/4010
18 - 22 °C	5 hr - 6 hr	5 hr - 6 hr
60 - 65 °C	1 hr	1 hr



Guideline for short wave IR equipment

Half power: 10 - 15 min

Full power: 15 - 20 min

VOC compliant

2004/42/IIB(e)(840) 550: The EU limit value for this product (product category: IIB(e)) in ready to use form is maximum 840 g/l of VOC. The VOC content of this product in ready to use form is maximum 550 g/l.

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## Products

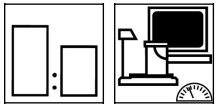
Stadox 2K Fluorescent Paint Red

Standofleet 2K HS Hardener 4120  
Standofleet 2K HS Hardener Fast 4110  
Standofleet 2K HS Hardener Slow 4130

Standofleet 2K Thinner 5120  
Standofleet 2K Thinner Extra Slow 5140  
Standofleet 2K Thinner Fast 5110

Standofleet 2K MS Hardener 4020  
Standofleet 2K MS Hardener Fast 4010

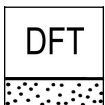
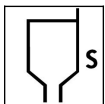
## Product mix



Mixing ratios with special agents are available in the productmix table on Standwin IQ and in the specific TDS.  
The choice of hardener and Thinner should be made according to application temperature and size of repair.

4110	Accelerated fast hardener for small panels or for design work (stripes) 20-25°C.
4120	Standard hardener for all 2K CV products (20-25°C).
4130	Slow hardener for large surfaces and high temperatures (>30°C).
5110	Fast thinner only for small panels/areas (15-20°C).
5120	Standard CV thinner for all CV products. (20 -25°C).
5130	Slow thinner for large surfaces and high temp. (25-30°C), to avoid overspray problems.
5140	Extra slow thinner for large surfaces and extra high temp. (>35°C) , to avoid overspray problems.
4020	Standard hardener for all 2K CV products (20-25°C).
4010	Accelerated fast hardener for small panels or for design work (stripes) 20-25°C.

DIN 4: 22 - 25 s at 20°C



100 µm

### Theoretical coverage

450 - 460 m<sup>2</sup>/l at 1 micron dry film thickness

Due to different hardener characteristics and different mixing ratios of the ready-to-use mixture in some TDS versions, the theoretical coverage calculation may vary.

Note: The practical material consumption depends on several factors, e.g. geometry of the object, surface formation, application method, spray gun setting, inlet pressure, etc.



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## Remarks

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- Do not apply on top of the usual polyester putties, as excess peroxide leads to staining. If polyester putty has already been applied, these spots must be isolated with Stadox Polyester Spray Filler U1100.
  - Since Stadox 2K Fluorescent Paint red is translucent, a uniform white substrate is required.
  - Daylight Fluorescent Paints must in all cases be protected with Standofleet Clears after the given drying time.
  - Exposure to light will cause the colour to darken after only a short time.
  - Vehicles coated with Daylight Fluorescent Paints must not be treated with preservatives or preservative removers, since this can lead to colour alteration.
  - Since colour changes make it difficult to refinish small areas, the whole side of the vehicle should be refinished, if possible.
  - Stadox 2K Fluorescent Paint red in the colour RAL 3024 fluorescent red corresponds to the fire department standard DIN 14502, which does allow for some colour deviation (relatively big changes in colour).
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Consult Safety Data Sheet prior to use. Observe the precautionary notices displayed on the container.

All other products referred to in the refinish build up are from our Stadox product range. System properties will not be valid when the related material is used in combination with any other materials or additives which are not part of our Stadox product range, unless explicitly indicated otherwise.

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