



# FLAMMADUR® TE C

## Fire protection coating

### Description

FLAMMADUR® TE C is a 2-component polyurethane based material and was especially developed for the use on rolling stock. It is particularly suitable for external applications. This material features high resistance to climatic and mechanical influences.

### Areas of application

- Rolling Stock
- External applications
- On request



### Delivery and packaging

FLAMMADUR® TE C			
	Component A (resin)	Component B (hardener)	
Packaging	Bucket		
Container size	20 kg	2.5 kg	20 kg
	On request		
Quantity	20 pcs. / pal	224 pcs. / pal	20 pcs. / pal
Weight	400 kg	560 kg	400 kg
<b>Article number</b>			
	4146120	4146118	4146119

If you would like to place an order, please contact us:

☎ +49 4105 4090-14    ✉ industry@svt.de

# FLAMMADUR<sup>®</sup> TE C

## Technical data

Protect your values.



members of svt group

AIK

flamro

ROLFKUHNGBH

	Component A (resin)	Component B (hardener)					
Colour	grey						
Density (+20°C)	1.32 - 1.36 kg/m <sup>3</sup>	1.22 - 1.24 kg/m <sup>3</sup>					
Thermal conductivity	approx. 1.0 W/(m*K)						
Viscosity	approx. 25,000 mPas (at +50°C)	approx. 100 mPas (at +20°C)					
Mixing ratio (wt%)	100 parts	12.5 parts					
Mixing ratio (vol%)	100 parts	13.5 parts					
Processing (min. +5°C / < 85% relative humidity)	<p>The surface must be free of contamination.                      Heating component A to +50°C is recommended to facilitate processing.                      Stir component A well before processing.                      Mix components A and B thoroughly in the precise weight ratio.                      Application is preferably carried out using the airless method (nozzle bore: &gt;0.051 inches).                      Further processing methods such as compressed air (nozzle bore 4 mm), painting and rolling are possible with the addition of solvents.                      Ethyl acetate or xylene may be added to component A.</p>						
Pot life	approx. 10 minutes (both components +20°C) approx. 8 minutes (component A heated to +50°C)						
Curing time (+20°C)	Loadable < 24 hours						
Temperature resistance (operation)	-25°C to +60°C						
Example usage	Solid object (weight)	Application quantity [g/m <sup>2</sup> ]	Layer thickness [µm]				
	100 %	1,320 g/m <sup>2</sup>	<table border="1"> <tr> <td>Wet</td> <td>Dry*</td> </tr> <tr> <td>1,000 µm</td> <td>1,000 µm</td> </tr> </table>	Wet	Dry*	1,000 µm	1,000 µm
	Wet	Dry*					
1,000 µm	1,000 µm						
*The required dry layer thickness varies depending on the fire protection requirements and technical fire protection characteristics of the constructions to be protected. Spraying losses have not been taken into consideration!							
Cleaning	Immediately with thinner						
Storage / transport	+5°C to +35°C		+10°C to +30°C				
	18 months in the unopened container		9 months in the unopened container				
Delivery form	20 kg metal bucket		2.5 kg, 20 kg metal bucket				
	On request						

## FLAMMADUR<sup>®</sup> TE C

### Technical data

Protect your values.



members of svt group

AIK

flamro

ROLFKUHNGBH

	Component A (resin)	Component B (hardener)
Safety instructions	No hazardous substance / goods	Hazardous substance according to the German Ordinance on Hazardous Substances (Gef-StoffV) but not hazardous material according to the German Hazardous Goods Ordinance – Road (GGVS)/European ADR.
	Additional instructions can be found in the safety data sheet	
Certificates	RST test report No. P60-19-8015: The product meets requirements R1 / R7 for hazard levels HL1 - HL3 as per DIN EN 45545-2 (02/2016).  Müller-BBM test report No. M147159/01: Test of dynamic, mechanical properties as per DIN EN ISO 6721-3“	