



Technical Data Sheet.

Permafleet® Daylight Fluorescent RAL 3024 red



For the repair of special-purpose vehicles

Permafleet Daylight Fluorescent paints contain special fluorescent pigments which convert part of the ultraviolet radiation into visible light and thus give the finish a particularly luminous quality. They are primarily used for special-purpose vehicles belonging to the fire, police, road maintenance and ambulance services.

- Produces a luminous red colour RAL 3024 even in daylight.
- Contains a special fluorescent pigment.

For professional use only!

Spies Hecker simply closer.



An Axalta Coating Systems Brand

Permafleet® Daylight Fluorescent RAL 3024 red

Product preparation - application STANDARD - MS



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 Surfacer
Surfaces must be prepared and cleaned correctly before application
Since a uniform white substrate is required Permafleet® HS Wet-on-Wet Surfacer 5510 white / Permafleet® HS Bus Surfacer 5530 white 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 Surfacers



Specials		Hardener		Reducer	
Volume	Weight	Volume	Weight	Volume	Weight
4	100	1	22	0 - 5 %	0 - 5
8568		3370 3375		6110 6120 6130 8580	



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



	3370/3375
18 - 22 °C	5 hr - 6 hr
60 - 65 °C	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.

Permafleet® Daylight Fluorescent RAL 3024 red

Product preparation - application STANDARD - VHS



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Fully cured, solvent resistant, well preserved and lightly sanded original or old paintwork
Surfaces coated with a primer or a Surfacers
Surfaces must be prepared and cleaned correctly before application
Since a uniform white substrate is required Permafleet® HS Wet-on-Wet Surfacers 5510 white / Permafleet® HS Bus Surfacers 5530 white 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 Surfacers



Specials		Hardener		Reducer	
Volume	Weight	Volume	Weight	Volume	Weight
8	100	1	12	15 - 20 %	13 - 17
8568		3265 3270 3275		6110 6120 6130 8580	



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
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Products

Permafleet® Daylight Fluorescent RAL 3024 red

Permafleet® MS Hardener 3370 fast
Permafleet® MS Hardener 3375 slow
Permafleet® VHS Hardener 3265 fast
Permafleet® VHS Hardener 3270
Permafleet® VHS Hardener 3275 slow

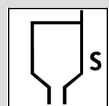
Permacron® MS Duraplast 8580
Permafleet® Reducer 6110 fast
Permafleet® Reducer 6120
Permafleet® Reducer 6130 slow

Product mix

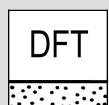


Mixing ratios with special agents are available in the productmix table on Phoenix and in the specific TDS.
The choice of hardener and Reducer should be made according to application temperature and size of repair.

3265	Accelerated fast hardener for small panels or for design work (stripes) 20-25°C.
3270	Standard hardener for all 2K CV products (20-25°C).
3275	Slow hardener for large surfaces and high temperatures (>30°C).
6110	Fast reducer only for small panels/areas (15-20°C).
6120	Standard CV reducer for all CV products. (20 -25°C).
6130	Slow reducer for large surfaces and high temp. (25-30°C), to avoid overspray problems.
3375	Standard MS hardener for 2K MS Permafleet topcoat 630.
3370	Fast MS hardener for 2K MS Permafleet topcoat 630.



DIN 4: 22 - 25 s at 20°C



100 µm

Theoretical coverage

450 - 460 m²/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

- 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 Raderal Spray Polyester 3508.
- Since Permafleet Daylight Fluorescent Paint 8568 red is translucent, a uniform white substrate is required.
- Daylight Fluorescent Paints must in all cases be protected with Permafleet HS clear coat 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.
- Permafleet Daylight Fluorescent Paint 8568 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).
- Overcoating with 2K clearcoat after cooling down or max. time 72h.

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 Spies Hecker 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 Spies Hecker product range, unless explicitly indicated otherwise.

For professional use only! The information provided in this documentation has been carefully selected and arranged by us. It is based upon our best knowledge on the subject at the date of issuance. The Information is given for information purposes only. We are not liable for its correctness, accuracy and completeness. It is up to the user to check the information with regard to up-to-dateness and suitability for his intended purpose. The intellectual property in this Information, including patents, trademarks and copyrights, is protected. All rights reserved. The relevant Material Safety Data Sheet and Warnings displayed on the product label need to be observed. We may modify and/ or discontinue operation of all or portions of this Information at any time in our sole discretion, without notice and assume no responsibility to update the Information. All rules set forth in this clause shall apply accordingly for any future changes and amendments.