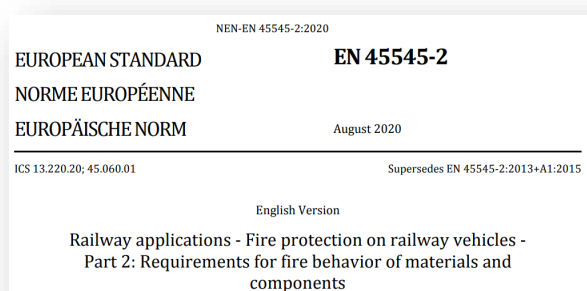


# Launch Brief

December 2023

## What is being launched?

# DELFLEET ONE® EN 45545-2 Certificates



As a global leader in Commercial Vehicle segment over the last 3 decades and building on this expertise, PPG has designed a new premium coating system to cover a wide spread of uses and applications aiming to satisfy the demanding needs in this market.

DELFLEET ONE® is a complete new Commercial Transport system, based on the most advanced research and development, a patented technology and state-of-the-art colour tools. This new range is designed to deliver the maximum in ease of use, colour performance and the most efficient productivity to the benefit of all end users and distributors.

The launch of these certificates demonstrate the ability to pass the assessment of behaviour to smoke and fire according to the European standard EN45545-2.

Today, all materials used in rail vehicles must follow the EN 45545-2 standard in order to achieve the highest level of safety possible in the event of a fire.

The standard affects manufacturers of rail vehicles including high speed trains, regional trains and trains in industrial transportation, but may also be considered as a reference in the tram segment.

These new certificates increase the *Delfleet One* range, and associated DELTRON SBBC potential in those segments.

Trust PPG, Trust *Delfleet One*.

## Summary Reports

The following DELFLEET ONE® (and associated Deltron) cycles have been tested and certified for EN-45545-2 for the highest HL3 Hazard level classification:

- **F4901 + F8000**
- **F4901+ F8000 + F380**
- **F4901+ F8000 + F8650**
- **F4901+ D7xx/D9xx + F380**
- **F4901+ D7xx/D9xx + F8650**

The complete list of certificates is available from PPG. The summary reports are attached in the email.

## Test results

The letter R indicates for which product requirements (R1-R26) the assessment has been done:

R1 **Interior surfaces** Window frames Display screens  
 R7 Air ducts- **Exterior surfaces** Under frame of external body shell Exterior ducts External design features

The letter H refers to the hazard levels in case of fire; there are 3 level of hazard HL1, HL2 and HL3 with HL1 being the lowest and HL3 being the highest.

Test Method	ISO 5658-2	ISO 5660	BS EN 45545-2
Description	Reaction to fire test spread of flames	Heat release rate Smoke production rate	Smoke & toxicity assessment
EN45545 reference	T02 (for R1 & R7)	T03.01 (for R1 & R7)	T10.01 & T10.02 (for R1) T10.04 (for R7) T11.01 (for R1 & R7)
<b>F4901 + F8000</b>	<b>526142</b>	<b>526145</b>	<b>526148</b>
<b>F4901+ F8000 + F380</b>	<b>537167</b>	<b>537171</b>	<b>537175</b>
<b>F4901+ F8000 + F8650</b>	<b>537168</b>	<b>537172</b>	<b>537176</b>
<b>F4901+ D7xx/D9xx + F380</b>	<b>6P10165-3</b>	<b>6P10165-5</b>	<b>6P10165-1</b>
<b>F4901+ D7xx/D9xx + F8650</b>	<b>537169</b>	<b>537173</b>	<b>537177</b>

The PPG Logo, Delfleet One and PaintManager are registered trademarks and RapidMatch is a trademark of PPG Industries Ohio, Inc. © 2018 PPG Industries, all rights reserved. Copyright in the above product numbers that are original is asserted by PPG Industries.

THESE PRODUCTS ARE FOR PROFESSIONAL USE ONLY.