

OFFSET YOUR CARBON EMISSIONS WITH PAINT 360



Research provided by the Carbon Footprint Company taken from official DEFRA statistics

Run your van fleet carbon FREE

1 litre of paint saves 5 miles of carbon*

Paint 

PAINT 360 re-engineer waste water based paint back into high quality emulsions for the trade. Established in 2012 we have won many awards for quality, innovation and our environmental ethos. Based in the West Midlands and working in conjunction with Travis Perkins and Willmott Dixon we have developed a unique offering. We recycle waste water based paint and containers working closely with HWRCs, waste transfer stations and retail outlets.

Supply chain
Green solution
award winner 2013

SKANSKA

In 2013 Paint360 won the prestigious Supply Chain Green Solution Award from Skanska. As part of the award Skanska offered Paint360 time with key departments and personnel. Data compiled by Bath University was used in conjunction with calculations for our internal processes, equipment and ingredients. These calculations were presented to the Carbon Footprint Company Limited who checked, researched and validated the results.

PLEASE REFER TO FIGURES 1-3 ON THE 2ND SHEET FOR DETAILS



Carbon Footprint Limited provide a range of carbon management services including assessing your carbon emissions, verifying calculations, through to providing high quality carbon offsets to make your business carbon neutral. They specialise in helping businesses remain compliant, ensuring they meet their carbon and energy legal and supply chain obligations through services such as:

- ▶ Energy Savings Opportunity Scheme (ESOS)
- ▶ Carbon Reduction Commitment (CRC)
- ▶ Mandatory Greenhouse Gas (GHG) Reporting
- ▶ Climate Change Agreements (CCAs)
- ▶ Display Energy Certificates (DECs)
- ▶ Carbon Disclosure Projects (CDP)
- ▶ Global Reporting Initiative (GRI)
- ▶ CEMARS
- ▶ ISO 14001
- ▶ ISO 50001
- ▶ ISO 9001

* based on statistics from Defra for an average sized Transit van, depending on weight and speed.

Fig. 1
Carbon savings by recycling waste paint(water based):

Product	EC KGCO2/kg	EC KGCO2e/kg
General paint	2.42	2.91
water based	2.12	2.54
solvent based	3.13	3.76

Fig. 2
Paint 360 eliminates 150 t (150000kg) water based waste paint, per month

EC KGCO2e/kg	quantity water based paint kg	KGCO2e (emission factor x kg)	TCO2e
2.54	150000	381000	381

Saving 381 tco2e per month = 4572 tco2e per year

Fig. 3

General	70.00	2.42	2.91	Large variations in data, especially for embodied carbon. Includes feedstock energy. Water based paints have a 70% market share. Water based paint has a lower embodied energy than solvent based paint.
EXAMPLE: Single Coat	10.5 MJ/Sqm	0.36 kgCO2/Sqm	0.44	Assuming 6.66 Sqm Coverage per kg
EXAMPLE: Double Coat	21.0 MJ/Sqm	0.73 kgCO2/Sqm	0.87	Assuming 3.33 Sqm Coverage per kg
EXAMPLE: Triple Coat	31.5 MJ/Sqm	1.09 kgCO2/Sqm	1.31	Assuming 2.22 Sqm Coverage per kg
Waterborne Paint	59.00	2.12	2.54	Waterborne paint has a 70% of market share. Includes feedstock energy.
Solventborne Paint	97.00	3.13	3.76	Solventborne paint has a 30% share of the market. Includes feedstock energy. It was difficult to estimate carbon emissions for Solventborne paint.