

# Example calculation for a facade painted with StoColor Photosan

Project	Average CO <sub>2</sub> concentration	Breakdown in a year	Average NOx emissions, Euro 6 diesel car	
	µg/m <sup>3</sup>	mg/250m <sup>2</sup>	mg/km	Saving in km
Detached house, 250m <sup>2</sup> facade surface, urban area (Freiburg)	50	1.282.600	80	approx. 14.700
Detached house, 250m <sup>2</sup> facade surface, rural area (Villingen-Schwenningen)	14	354.780	80	approx. 4.400

Source of concentration values: Baden-Württemberg State Institute for the Environment, Survey, and Nature Conservation (LUBW), 2018

Source of car NOx emissions: German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety, 2018

More information is available from Sto.