

Certificate of Validation

by

Carbon Neutral Repair

of

'SIKKENS CO₂e Repair Calculator v1.5'

for

Akzo Nobel Car Refinishes BV

Carbon Neutral Repair has validated the energy & VOC CO₂e emission calculations generated during a controlled '2-panel repair' using approved SIKKENS products in a STL Cyclone II spray booth to GHG Protocol greenhouse gas accounting standards.

The Energy & VOC CO₂e emissions were calculated across four different SIKKENS approved repair processes:-

Conventional, Ambient, Infra-Red & UV

Carbon Neutral Repair has validated the Electricity Conversion Factors (ECF) for fourteen European territories to include Generation, Transmission & Distribution (T&D), WTT Generation & WTT Distribution (Well To Tank) :-

Austria, Belgium, Denmark, Finland, France, Germany, Greece, Italy, Luxembourg, Netherlands, Norway, Poland, Portugal, Russia, Spain, Sweden, Switzerland, Turkey, United Arab Emirates & United Kingdom.

Conversion Factors have been validated with CO₂ emissions published by The International Energy Agency (IEA) and UK Government BEIS 2021

Carbon Neutral Repair has validated the conversion of Natural gas from cubic meters (m³) to kilowatt Hours (kWh).



Dominic Napier

Managing Director, Carbon Neutral Repair

27th January 2022

