

# CLIMATE DECLARATION FOR NCC GREEN ASPHALT<sup>2</sup> FROM ARLANDA ASPHALT PLANT

Declared unit: 1000 kg of asphalt

The climate declaration shows the emissions of greenhouse gases, expressed as CO<sub>2</sub>-equivalents. It is based on verified results from a lifecycle assessment (LCA) performed as basis for an EPD®, in accordance with EN 15804 and ISO14025.

## Information about the product

The asphalt declared in this Climate declaration is produced at the Arlanda asphalt plant in Sweden by NCC Industry AB. The plant produces around 40 000 tons of Green Asphalt<sup>2</sup> per year. The intended use of the asphalt declared is as paving material on roads and other paved surfaces.

The asphalt types declared are ABb 22 50/70, ABS 16 70/100, ABT 11 160/220, AG 16 70/100, AG 22 70/100 and AG 32 70/100 which are to be used in the Häggvik project (client Swedish Transport Administration). The asphalt is produced with the NCC Green Asphalt<sup>2</sup> method.

## Information about the company

NCC is one of the leading construction and property development companies in the Nordic region, with sales of SEK 53 billion in 2015 and approximately 16 500 employees. With the Nordic region as its home market, NCC is active throughout the value chain – developing commercial properties and constructing housing, offices, industrial facilities and public buildings, roads, civil engineering structures and other types of infrastructure. NCC also offers input materials used in construction and accounts for paving and road services.

## Climate declaration

The scope covers the cradle-to-gate stage and the future recycling potential (A1, A2, A3 and D).

The results of the life cycle assessment of 1000 kg of asphalt in terms of greenhouse gas emissions in (kg CO<sub>2</sub> equivalents, GWP100) are shown below:

	A1-A3	D
ABb 22 50/70	31,4	-15,5
ABS 16 70/100 Kk<6	49	-19,7
ABT 11 160/220	36,6	-19,2
AG 16 70/100	31	-14,8
AG 22 70/100	29,7	-13,7
AG 32 70/100	27,4	-12

## Other environmental information

This declaration is limited to one impact category. For information about other relevant environmental impacts, see the EPD available at [www.environdec.com](http://www.environdec.com).

## Contact information



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LINK TO MORE INFORMATION: <a href="http://WWW.ENVIRONDEC.COM/EN/DETAIL/EPD844">HTTP://WWW.ENVIRONDEC.COM/EN/DETAIL/EPD844</a>			
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