



**OVERVIEW**

**SECTOR**  
Retail

**LOCATION**  
Saffron Walden

**AREA**  
4,275m<sup>2</sup>

**SCOPE**  
Surface new car park and access route

**YEAR**  
2025

**CARBON SAVINGS**  
8,100kgco<sub>2</sub>e

Surfacing specialists Spadeoak was the appointed contractor to complete a car park surfacing project at a new LIDL store in Saffron Walden. Spadeoak was tasked with surfacing the new 4,275m<sup>2</sup> car park, footpath and carriageway, the new store will open in February 2025 with this car park housing 123 parking bays including 10 EV charging stations. Utilising a low carbon solution ensured we could offer our client a carbon saving of 8,100kgco<sub>2</sub>e on asphalt material for this project.

Spadeoak was delighted to be appointed the surfacing contractor of choice by our client to complete a car park surfacing project for LIDL at their new store in Saffron Walden.

The store will open in February 2025 as Spadeoak completed the finishing touches to the external area of the store in January following two separate day visits to complete the surfacing works.

Spadeoak was tasked with resurfacing the 4,275m<sup>2</sup> area of car park, footpath and carriageway.

The carriageway construction covered an area circa 500m<sup>2</sup> requiring a base, binder and surface course treatment over 260mm deep, the surface course incorporated pre-coated chippings rolled into the asphalt to increase the skid resistance and durability of the road surface.

The car park utilises SuperDrain, a permeable asphalt laid for both at a 120mm treatment.

SuperDrain asphalt is a revolutionary permeable asphalt solution for effective water management which rapidly filters surface water, reducing standing water and ice hazards. With its unique open-graded design and advanced Polymer Modified Bitumen, SuperDrain provides exceptional permeability and durability as well as sound absorption creating a quieter environment.

The car park houses over 120 vehicles including 8 disabled parking bays and 10 EV charging bays.

Working closely with our supply chain partners Spadeoak was able to support our client and LIDL on this build offering a carbon saving delivered on the asphalt material installed, this was over 8 tonnes of carbon, the equivalent of planting over 320 trees.

