CASE STUDY

HIGH QUALITY TESLA CHARGING BAYS INSTALLED AT BLUEWATER SHOPPING CENTRE CAR PARK

TESLA

BLUEWATER

MEON
DELIVERING GREAT SURFACES

HIGH QUALITY TESLA CHARGING BAYS INSTALLED AT BLUEWATER SHOPPING CENTRE CAR PARK

PROBLEM:
Bluewater installed Tesla electric charging points, allowing customers to charge their electric cars in their car park. Requirements meant the new bays would feature their logo and a specific colour scheme. The bays would need to be resistant and highly durable, enough to withstand regular vehicle traffic. The goal was to make the spaces easily distinguishable from ordinary parking spaces, and help clarify that these bays are intended for use with Tesla electric vehicles. The impact of leaving the parking spaces unmarked could mean that customers mistake the spaces as regular, alongside not meeting the specified Tesla requirements for these specialist electric charging points.

SOLUTION:
The prior parking space markings were removed, the surface was treated with Spectrum ScratchCote MMA Void Filler to make way for the new Tesla colour scheme. This treatment ensured the surface was even and flat, ready for effective paint application. The UltraGrip MMA paint was next applied, chosen as the most effective solution, able to withstand busy car park traffic and having great anti slip properties. UltraGrip also benefits from being more environmentally friendly, due to it being a cold application MMA paint. The outer lines and Tesla branding logo was finally applied using RoadLine X420, this tough 2 part line marking paint benefits from an epoxy resin base, meaning greater durability and toughness.was easily applied, thanks to its usage being possible with roller or airless spray equipment.

RESULT:
The bays were installed to match Tesla's high level of quality. Long lasting, anti-slip, and bright surface markings are now in place, ensuring safe and attractive results. The UltraGrip application in a contrasting black and bright red ensured customers easily know which bays are for Tesla electric charging or regular parking. Due to the tough durable characteristic of the UltraGrip, the need for regular maintenance and upkeep is reduced, meaning the chosen solution is an economical choice. The impact of not using such a high-quality paint as what was chosen, would lead to the bays needing regular upkeep, and implies additional future costs which have been avoided.

SYSTEMS USED:

Spectrum ScratchCote L280
MMA Void Filler

Spectrum ScratchCote L280 high build MMA void filler is normally applied to the surface and hardens rapidly, providing a flat and even surface for the application of other Spectrum systems. It can be used to prepare surfaces with significant negative texture or uneven finish. Typical examples include asphalt such as SMA, tamped concrete, surface dressing and other similar surfaces.

Spectrum UltraGrip L240
Hard Wearing Surface Coating

Spectrum UltraGrip L240 MMA slip-resistant coating contains aggregates to provide an excellent slip resistant texture on the surface. The UltraGrip L240 is a very durable product, which maintains its slip resistance throughout its life. It is also fast curing, and there is an extensive range of colours available in the range, with the standard colours being red, green and blue.

RoadLine X420
2 Pack Epoxy Line Marking Paint

The Spectrum RoadLine X420 solvent based two pack epoxy line marking paint is for internal and external use. The epoxy formulation means the markings have excellent fuel and chemical spills resistance and are very hard-wearing for maximum durability in high wear areas. RoadLine X420 has a long pot life, so it can be sprayed through airless spray equipment like a Graco LineLazer, which would provide an efficient and neat application.

PROJECT OBJECTIVES:

SAFETY

Focused on improved road safety through performance whilst removing high risk operations in support of the industries Zero Carbon goal.

DURABILITY

For every application, we aim to be able to demonstrate ways to reduce Whole-Life costs through improved system performance.

SUSTAINABILITY

Supporting central government Decarbonisation strategy with a goal to reach net zero by 2050.