



SIKA AT WORK

A DURABLE FLOOR FOR THE FACTORY HALL OF THE LIGHTYEAR ONE

BUILDING TRUST



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PROJECT DESCRIPTION

Founded by alumni of the Solar Team Eindhoven and winners of the World Solar Challenge in 2013, 2015 and 2017: The Lightyear One. These specialists have now officially presented their own car! An extraordinarily luxurious one that competes with the Tesla's of this world. With one major difference: the Lightyear One is equipped with solar cells. It covers an area of five square metres. This means that the car will also be charged without a plug.

This ultramodern car was developed in Helmond. The factory hall was built in a short period of time. As a start-up Lightyear was based in the old Volvo factory on the same industrial estate. The company now employs 150 people. The new manufacturing hall measures 3,000 m² and is fully equipped with a Sika floor system.

PROJECT CONDITIONS

Already a year before construction Sika has given project advice at LXarchitecten and has been in contact with the contractor Van de Ven in Veghel. In consultation with all parties, Gacon finally installed the floors in the new factory. A floor with a good chemical and mechanical resistance, which of course is very important in a factory hall like that of Lightyear!

SIKA SOLUTION

In the hall there are no less than 2,500 m² of Sika floors, including the Sikafloor® MultiDur ES-24 ECF. This epoxy floor is electrostatically conductive and especially suitable for rooms with sensitive electronic equipment. At Lightyear the solar panels are assembled here.

The epoxy floor is sprinkled with flakes to create an aesthetically pleasing effect. A very low-maintenance floor. The floor is seamless, liquid-tight and therefore easy to clean. This improves hygiene, which is of course very important in an environment such as the one at Lightyear's new premises in Helmond.

It is possible to charge the car at a public charging point or a quick charger. But even an ordinary socket increases the driving range by 400 kilometres in one night. A fully charged battery will cover a range of 725 kilometres and delivery of the Lightyear One will start in 2021. The price has already been revealed, the car will cost € 149,000. Not exorbitant for this automobile form of renewal drive.

PARTIES INVOLVED

Client: Lightyear
Architect: LXarchitecten
Contractor: Bouwbedrijf van de Ven
Flooring contractor: Gacon B.V.

Our most current General Sales Conditions shall apply. Please consult the most current local Product Data Sheet prior to any use.



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