

CASE STUDY

CosmoCaixa Science Museum Barcelona



A natural pathway for visitors and birds

CosmoCaixa is the most important Science Museum in Spain and one of the most visited in Barcelona. The space named the "Flooded forest" represents a fragment of the Amazon rainforest and is a rich and fragile ecosystem shown in a greenhouse around 1000m² in size. In the greenhouse you can discover some of the most representative species of the Amazon: caiman, green anaconda, fishes, ants, birds, trees and plants.

CosmoCaixa asked our customer JARDINERIA BABILON to find a suitable surfacing solution for the path in the area to make it more comfortable for the wildlife and the visitors. The existing concrete track was probably not the best fit. The path needed to be fully permeable, have a natural look and a provide a comfortable walking experience.

CONICA worked with JARDINERIA BABILON on different alternatives and supplied different product samples. The CONICA Rubber Mulch manufactured in our UK factory was selected to a thickness of 30mm and it was supplied by our distributor in Spain ALFREDO MESALLES and installed during December 2021 by our experienced installer, PAVINADOR.

A blend of different rubber mulch colours was used to match the scenery of the rest of the area and was bound with CONICA's moisture curing binder CONIPUR 4020 manufactured in our plant in Schaffhausen (Switzerland).

Functionality and sustainability were achieved with a reasonable cost and the path looks really natural, making the customer experience more enjoyable. CONICA materials formed the basis – literally – of this unique project.

Installing the project while the area of the museum was open to visitors

PAVINADOR and JARDINERIA BABILON carried out the work whilst the area was open to visitors by completing it in phases, the project was completed in one week.

As the area is an indoor greenhouse it was important to ensure that any chemicals used did not impact the wildlife or the visitors. CONICA's products are well known for the low level of volatiles during installation.

Next time you visit Barcelona you must allocate a few hours to visit this magnificent museum and its extraordinary thematic exhibitions.

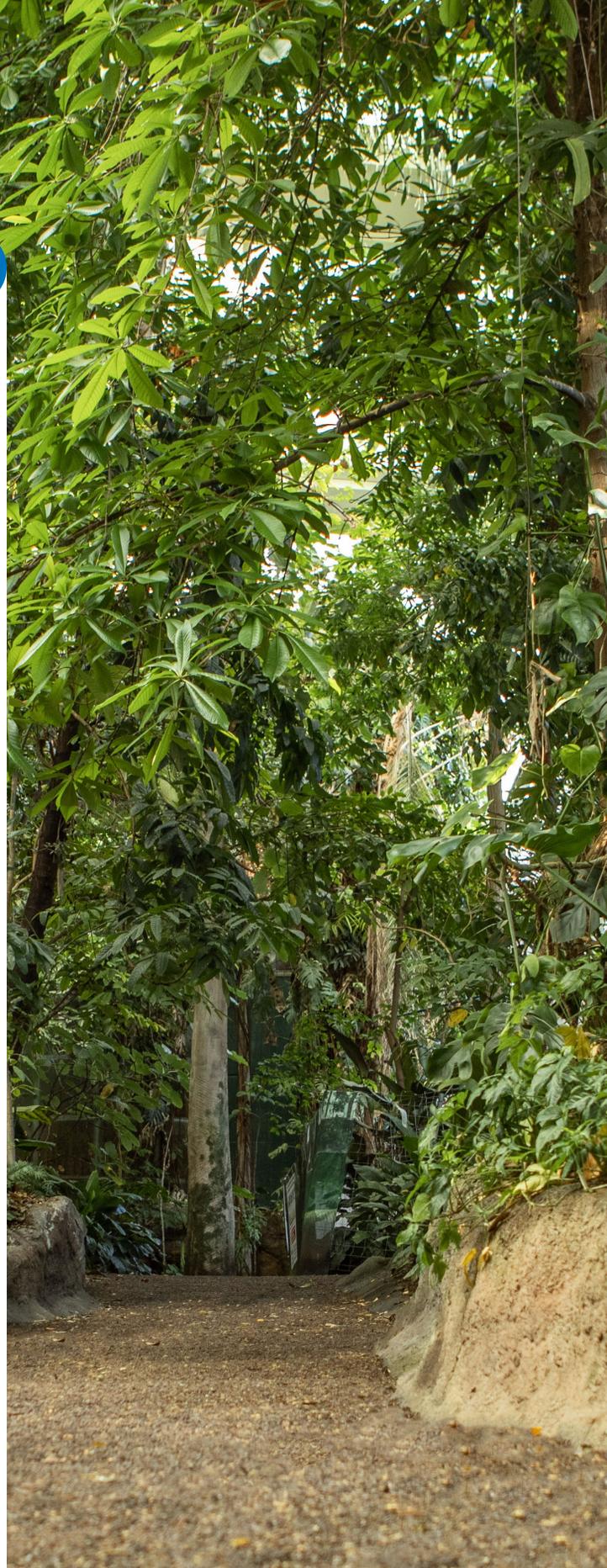


CONICA RUBBER MULCH

CONICA surfaces are known worldwide for their use in top-level sport, playground and leisure applications.

A combination of a moisture curing polyurethane binder and a colour coated rubber mulch was used in the project. The 30 mm thick, PUR-bonded Mulch surface has an excellent water permeability and offers a very natural aspect with high quality and durability. Thanks to the recycled nature of the mulch, it offers a very good price/performance ratio.

The 6 different colours allow a wide variety of combinations, whether single or multi-coloured.



In addition to the Flooded forest, the CosmoCaixa museum has a lot of interesting areas: an Antartida Base, a Planetarium, a Universe interactive space, the Micrarium for microscopic universe, the Geological Wall, the Math Lab and temporary expositions as the one dedicated to Nikola Tesla running now and until February 2022.





CONICA

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