



SIKA AT WORK

EUROPE'S MOST SUSTAINABLE HEADQUARTERS
FIRE RESISTANT WITH SIKA® UNITHERM®
PLATINUM, MAASSLUIS - THE NETHERLANDS

BUILDING TRUST



EUROPE'S MOST SUSTAINABLE HEADQUARTERS FIRE RESISTANT WITH SIKA® UNITHERM® PLATINUM, MAASSLUIS - THE NETHERLANDS



PROJECT DESCRIPTION

In 2012 started the building of the 'most sustainable company building of Europe', the huge new headquarters of Lely B.V. in Maassluis, The Netherlands. Lely is the largest supplier for agricultural products in the world. The total park surface for this new construction amounts 7.5 hectares, of which 10,500 m² for the company building. The total production area will include 22,500 m².

PROJECT REQUIREMENTS

Part of the business and office building is a gigantic steel support structure that steel builder Hollandia Heijningen, commissioned by Lely, prefabricated 'in house'. By making the construction, consisting of steel truss rafters, in the shed of Hollandia Heijningen, no one was affected by weather or construction traffic. Besides also the optimum quality during manufacture could be monitored. Also the rafters, who will determine the image of the new business complex, were treated fire retardant there.

SIKA SOLUTION

Around 10,000 m² of the construction is treated with Sika® Unitherm® Platinum. This new sustainable product is odourless and approved within 24 hours, the coating is dry and the desired layer thickness can be applied in 1-coat for up to 4 mm dft (dry film thickness) with standard 66:1 airless spray. By this treatment, the construction is fire protected (up to R120) and corrosion protected (to ISO 12944, Class 5-I & 5-M). No primer is required for processing. The coated parts can be transported quickly without special extra packaging measures. The treated construction is finished with Sika® Permacor®-2330, colour RAL 9016. This gives a colour stable end result.

SUSTAINABLE MEASURES

In all facets of the project sustainability measures are integrated. From the location choice, building construction and technical installations to the site- and office layout. The office is fully furnished on the philosophy of Work Smarter, in which (provisioning) elements of the new way of working and LEAN principles are combined, with far-reaching individual controllability of climate and very energy-efficient lighting. Other sustainable measures on campus range from heat and cold storage in the bottom, a special program for the lighting, charging stations for electric cars and bicycles and a 'follow me home' area lighting system that responds to passing traffic. Then there are also measures such as: a grey water system, the possibility of implementation of windmills, a roof garden with a pedestrian zone, a sports court and a luxury company restaurant on the BREEAM-NL (excellent) score list.

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



SIKA NEDERLAND B.V.

Zonnebaan 56
3542 EG Utrecht
Postbus 40390
3504 AD Utrecht

Tel: +31 (0)30 - 241 01 20
Fax: +31 (0)30 - 241 44 82
info@nl.sika.com
www.sika.nl

SIKA NV

Pierre Dupontstraat 167
BE-1140 Brussel
Belgium

Tel: +32 (0)2 726 18 85
Fax: +32 (0)2 726 28 09
www.sika.be

BUILDING TRUST

