



COLORED CONCRETE WORKS®

www.colored-concrete-works.com

Case Study

Project:

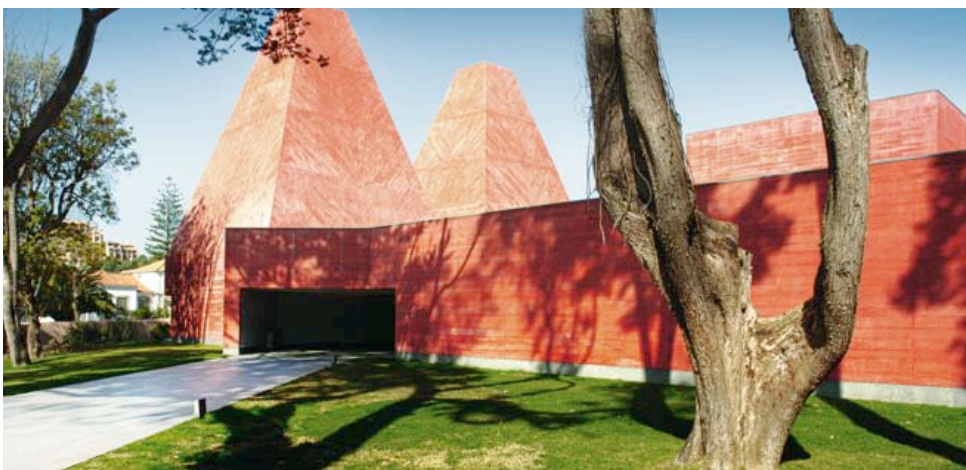
Casa das Histórias Paula Rego,
Cascais, Portugal

LANXESS
Energizing Chemistry



With its two adjacent pyramid-shaped towers, the Casa das Histórias Paula Rego is an unmistakable landmark.

The white plaster interior walls create an effective contrast to the red integrally coloured concrete.



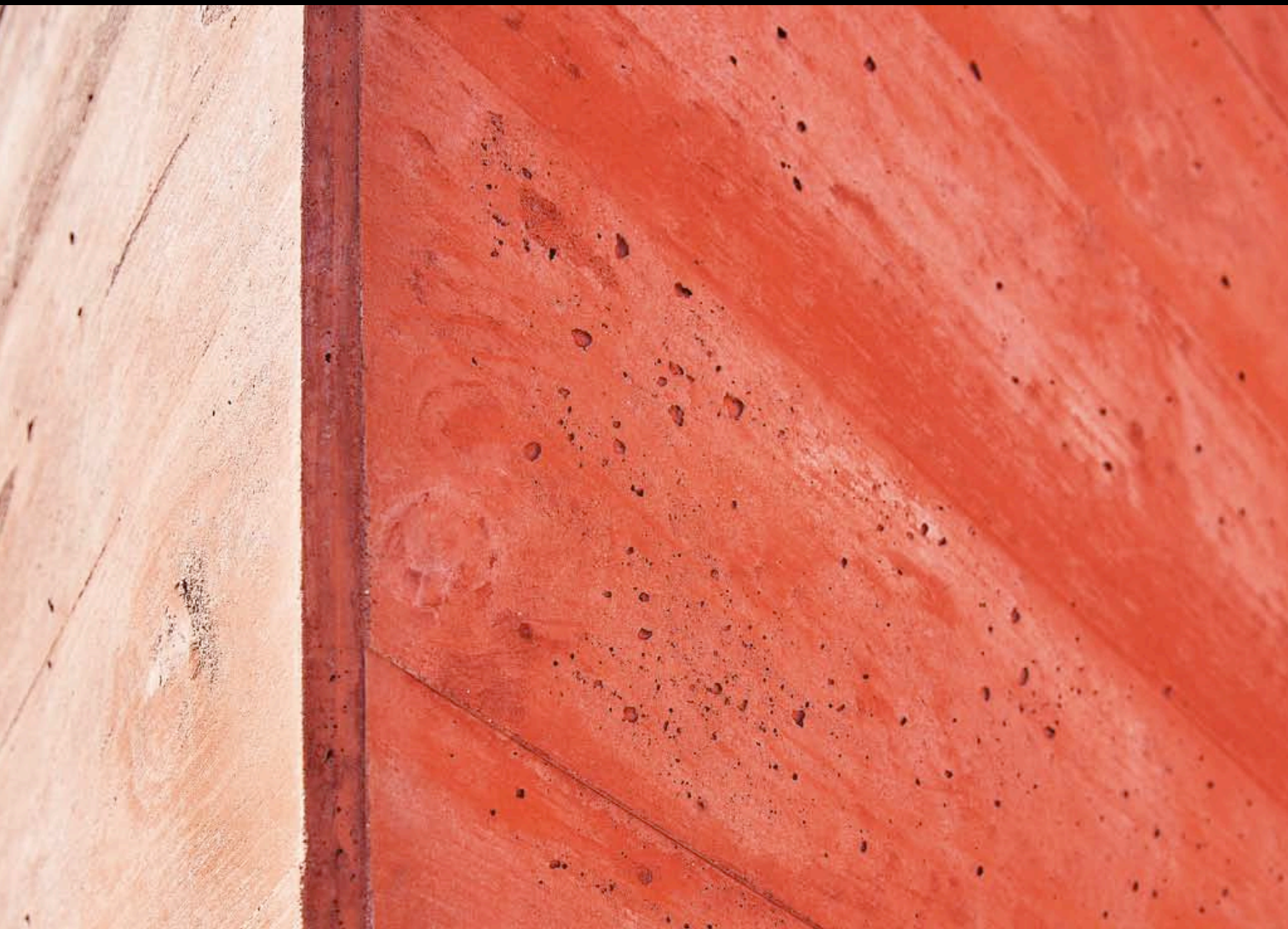


Art history in three dimensions.

Museum, art and landscape as a coherent entity.

The pyramidal shapes of the Casa das Histórias Paula Rego in Cascais, Portugal, on the coast of Estoril, are what make the museum unique in its architecture. The museum provides a most appropriate home for the collection of works by the internationally distinguished artist Paula Rego, who lived in Estoril for many years. The building was designed in keeping with the artist's own wishes, and it was Paula Rego herself who selected the architect. The Portuguese architect Eduardo Souto de Moura, considered one of the most prominent representatives of the Escola do Porto, designed a structure that meets all the technical and architectural requirements of a museum without sacrificing a friendly atmosphere. Two pyramid-shaped buildings of equal size, made of red concrete coloured with Bayferrox® pigments, are harmoniously integrated in the surrounding landscape. Inside, interconnected rooms are grouped around a higher, central exhibition space. The museum provides 750 m² of total exhibition space, an auditorium with seating for 200 and a café that opens onto a garden.

**Integrally coloured concrete
providing a harmonious contrast.**



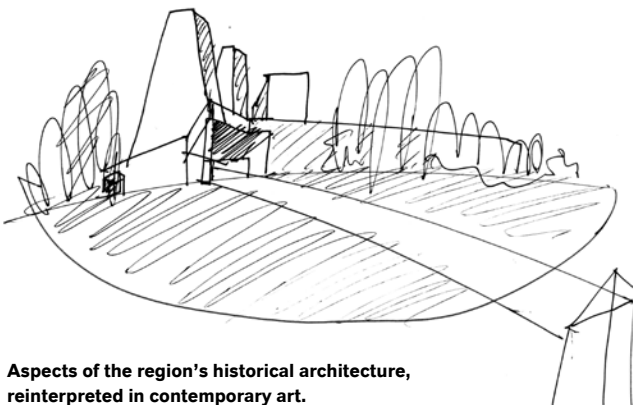


Red integrally coloured concrete and green vegetation in harmonious contrast.

The link between architecture and nature.

In designing the Casa das Histórias, Eduardo Souto de Moura adopted an almost regional, historical approach. In doing so, he distanced himself for the first time from the modern, abstract architecture that previously dominated his work.

The building was dimensioned in such a way that the two pyramids are as high as the surrounding trees. In other words, the museum fills a gap in its natural surroundings. This contradiction between “mineral” and “vegetable” is taken up again in the choice of colour. The red concrete, coloured with Bayferrox® pigments, both contrasts and harmonizes with the green of the vegetation.



Aspects of the region's historical architecture, reinterpreted in contemporary art.



“An association with nature relativizes artistic reality and contemporary art.”

*Eduardo Souto de Moura,
architect*

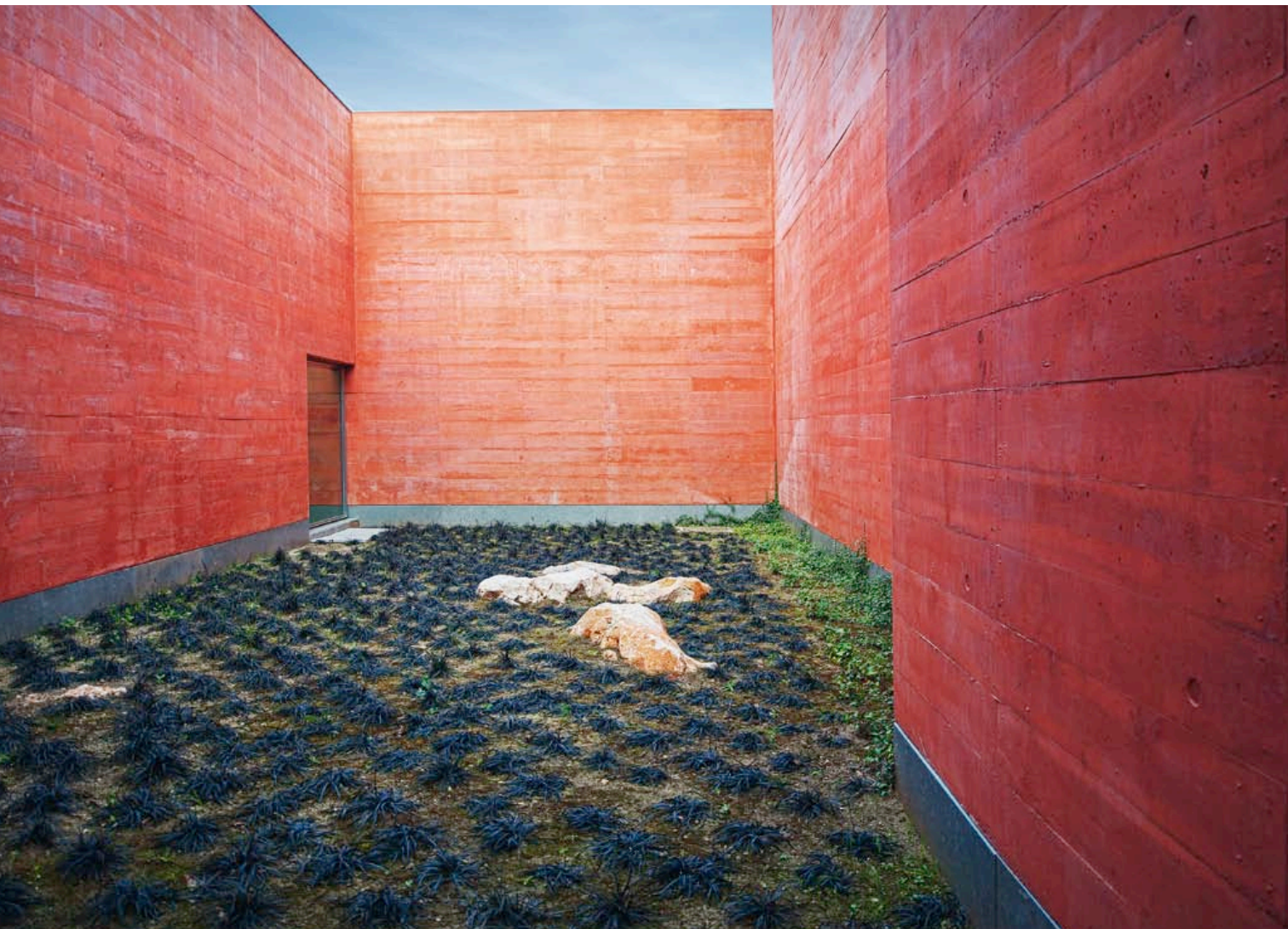
Eduardo Souto de Moura, born in 1952, studied architecture at the School of Architecture in Oporto (ESBAP). He collaborated with Álvaro Siza Architects from 1974 to 1979 before opening his own architecture firm in 1980. From 1981 to 1991, Souto de Moura also served as assistant professor in the Architecture Department at Oporto (FAUP). He has been a visiting professor in Paris-Belleville, Harvard, Dublin, Zurich and Lausanne. Souto de Moura achieved international renown through projects in Portugal (Porto, Lisbon, Braga), France (Paris Biennial, Clermont-Ferrand, Bordeaux), Great Britain (London, Cambridge), Italy (Milan Triennial, Rome), Yugoslavia (Pirano), the United States of America (New York, Harvard) and Switzerland (Zurich). Eduardo Souto de Moura was awarded the Pritzker Architecture Prize in March 2011, the highest honour conferred on international architects.

A symbol in the landscape.

The aesthetics of contrast.

In designing the Casa das Histórias Paula Rego, Eduardo Souto de Moura claims to have drawn his inspiration from buildings in Cascais by architect Raul Lino, from the Palácio Nacional de Sintra and from the Cistercian Monastery in Alcobaça. After deciding in favour of red coloured concrete, the architect submitted an attractive concept, in which he reinterpreted the region's historical architecture. He deliberately set off the red of the concrete against the surrounding green, thereby creating an aesthetic effect of contrasts, which together enter into a unique harmony. A total of 3,810 cubic meters of concrete were coloured with 15 metric tons of Bayferrox® 110 and three metric tons of Bayferrox® 420. The pigments were delivered in sacks and processed in batches at the concrete factory.

A work of art in its own right: The inner courtyard of the Casa das Histórias.





View: Red coloured concrete is ever-present.



Project data

Architecture that leads the way to art.



Location

Cascais, Portugal

Architecture

Eduardo Souto de Moura

Principal

City of Cascais

Project participants

AFAconsult, RS – Raul Serafim e associados,
PQF – Paulo Queirós de Faria

Construction period

2005-2008

Area

3,307m²

Amount of concrete

3,810 m³

Amount of pigment

18 metric tons

Form supplied

Powder pigment in paper sacks

Pigments



Bayferrox® 110



Bayferrox® 420

For more information contact our LANXESS country representative.

Germany

LANXESS Deutschland GmbH
Business Unit Inorganic Pigments
Rheinuferstraße 7–9
47829 Krefeld
GERMANY
Tel.: +49 2151 88 7741
Fax: +49 2151 88 4133

USA

LANXESS Corporation
Business Unit Inorganic Pigments
111 RIDC Park West Drive
Pittsburgh, PA 15275-1112
USA
Tel.: +1 412 809 2000
Fax: +1 412 809 3599

Singapore

LANXESS Pte. Ltd.
Business Unit Inorganic Pigments
3A International Business Park
#07-10/18 ICON@IBP Tower B
SINGAPORE 609935
Tel.: +65 6725 5828
Fax: +65 6266 5329

Australia

LANXESS Pty. Ltd.
Business Unit Inorganic Pigments
Unit 1, 31 Hill Road
Homebush Bay NSW 2127
AUSTRALIA
Tel.: +61 2 8748 3910
Fax: +61 2 8748 3999

Japan

LANXESS K.K.
Business Unit Inorganic Pigments
Marunouchi Kitaguchi Building 23F
1-6-5, Marunouchi, Chiyoda-ku
Tokyo 100-8215
JAPAN
Tel.: +81 3 5293 8017
Fax: +81 3 5219 9776

United Kingdom

LANXESS Ltd.
Colour Works
Lichfield Road
Branston
Burton-on-Trent
Staffordshire, DE14 3WH
UNITED KINGDOM
Tel.: +44 1283 714222
Fax: +44 1283 714201

Brazil

LANXESS Indústria de Produtos
Químicos e Plásticos Ltda.
Av. Maria Coelho de Aguiar, 215
Bloco B - 2º Andar
05804-902 São Paulo
BRAZIL
Tel.: +55 11 3741 3284
Fax: +55 11 3741 2676

South Korea

LANXESS Korea Ltd.
Business Unit Inorganic Pigments
395-62, Shindaebang-Dong
Dongjak-gu
Seoul, 156-712
REPUBLIC OF KOREA
Tel.: +82 2 6715 5170
Fax: +82 2 847 3062

Central Eastern Europe

LANXESS Central Eastern
Europe s.r.o.
Stetinova 4
811 06 Bratislava
SLOVAKIA
Tel.: +421 905 719 637
Fax: +421 2 32151624

Spain

Europigments, S.L.
Business Unit Inorganic Pigments
Arquitectura, 27
Polígono Industrial Els Garrofers
08340 Vilassar de Mar
SPAIN
Tel.: +34 93 75407 70
Fax: +34 93 75407 84

China

LANXESS Shanghai Pigments
Co. Ltd.
Business Unit Inorganic Pigments
845, Qi Lian Shan Lu
Shanghai, 200331
P. R. CHINA
Tel.: +86 21 5284 7802
Fax: +86 21 6250 1193

India

LANXESS India Private Ltd.
Business Unit Inorganic Pigments
Kolshet Road
Thane – 400 607
Maharashtra
INDIA
Tel.: +91 22 2531 1251
Fax: +91 22 2545 5152

France

LANXESS S.A.S.
Inorganic Pigments
Le Doubleon A
11, avenue Dubonnet
92407 Courbevoie Cédex
FRANCE
Tel.: +33 (0) 961 35 77 87
Fax: +33 (0) 1 30 41 36 90

Health and Safety Information:

Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling the LANXESS products mentioned in this publication. For materials mentioned which are not LANXESS products, appropriate industrial hygiene and other safety precautions recommended by their manufacturers should be followed. Before working with any of these products, you must read and become familiar with the available information on their hazards, proper use and handling. This cannot be overemphasized. Information is available in several forms, e.g., material safety data sheets, product information and product labels. Consult your LANXESS representative in Germany or contact the Regulatory Affairs and Product Safety Department of LANXESS Germany or – for business in the USA – the LANXESS Product Safety and Regulatory Affairs Department in Pittsburgh, Pennsylvania.

Regulatory Compliance Information:

Some of the end uses of the products described in this publication must comply with applicable regulations, such as the

FDA, BfR, NSF, USDA, and CPSC. If you have any questions on the regulatory status of these products, please consult your LANXESS representative in Germany or contact the Regulatory Affairs and Product Safety Department of LANXESS Germany or – for business in the USA – your LANXESS Corporation representative, the LANXESS Regulatory Affairs Manager in Pittsburgh, Pennsylvania. The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by us. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our General Conditions of Sale and Delivery. All

information and technical assistance is given without guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained in this brochure is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with industrial property rights such as patents covering any material or its use. No license is implied or in fact granted under the claims of industrial property rights such as patents.

Bayferrox® is a registered trademark of Bayer AG, Leverkusen, Germany.

Visit our website:
www.colored-concrete-works.com

LANXESS
Energizing Chemistry

LANXESS Deutschland GmbH
Business Unit Inorganic Pigments
Rheinuferstraße 7–9
47829 Krefeld
GERMANY
Fax: +49 2151 88 4133
E-Mail: coloredconcreteworks@lanxess.com
www.lanxess.com
www.bayferrox.com
www.colored-concrete-works.com