

# Oakdale (Contracts) Ltd

Walkerville Industrial Estate, Catterick Garrison, North Yorkshire, DL9 4SA

[www.oakdalegreenscaping.co.uk](http://www.oakdalegreenscaping.co.uk)

Martin Wright, Tel: +44 (0)1748 889 016, [martin@mwamarketing.com](mailto:martin@mwamarketing.com)



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## Available CPD Material (1)

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### Photocatalytic Concrete and De-Pollution

This seminar is about the use of titanium dioxide as a photocatalyst in concrete to decrease NOx air pollution. It will help you to understand the following topics:

- Understand the science behind photocatalysis
- Understand the manufacture process of titanium dioxide, how it works as a photocatalyst and its use in construction materials
- Understand the application of photocatalysis in concrete paving
- Understand the effect of air pollution on the population's health
- Understand the de-polluting benefits of photocatalytic concrete

Material type: Online Learning, Seminar

RIBA Core Curriculum: **Design, construction and technology**  
**Health, safety and wellbeing**  
**Sustainable architecture**

Knowledge level: General Awareness

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## Classifications

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### Subject/Product Areas (CI/SfB)

External works

Landscaping, hard surfaces, pools > Paving

Landscaping, hard surfaces, pools > Outdoor decking

General products

Concrete > Cement

Special activities, requirements

Green applications, resources; sustainability > Natural floor coverings

### RIBA Core Curriculum areas

**Design, construction and technology**

Knowledge level: *General Awareness*

**Health, safety and wellbeing**

Knowledge level: *General Awareness*

**Sustainable architecture**

Knowledge level: *General Awareness*